Determining Fraction Value on a Number Line

Name:

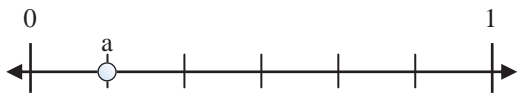**Use the number lines to answer the questions.**

0 ————————————— 1
(number line with circle 'a')

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ————————————— 1
(number line with circles 'b' and 'c', with $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ marked)
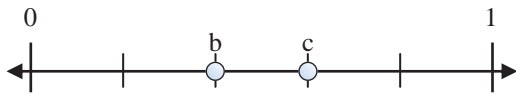
Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

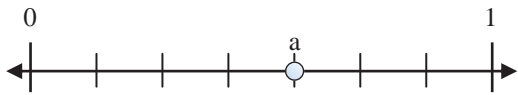**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11**

Ex. _____ **8/11**

Ex. _____ **12/12**

Ex. _____ **4/12**

0 ————————————— 1
(number line with circle 'a')

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

0 ————————————— 1
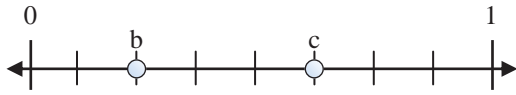(number line with circles 'b' and 'c')

3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

0 ————————————— 1
(number line with circle 'a')

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

0 ————————————— 1
(number line with circles 'b' and 'c')

7) What is the value of 1 (written as a fraction) on this number line? _____

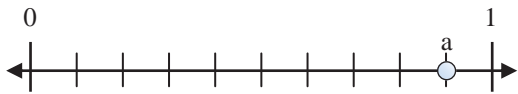**8)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

0 ————————————— 1
(number line with circle 'a')

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0 ————————————— 1
(number line with circles 'b' and 'c')

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

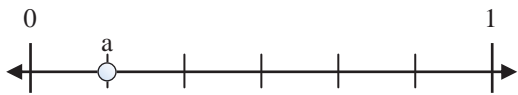**Use the number lines to answer the questions.**

Answers

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

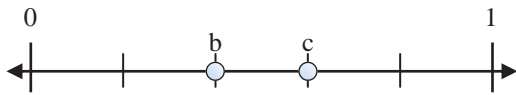$$\frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12} \quad \frac{1}{12}$$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

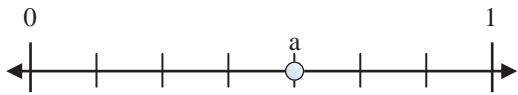**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11**

Ex. _____ $\frac{8}{11}$

Ex. _____ $\frac{12}{12}$

Ex. _____ $\frac{4}{12}$

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____
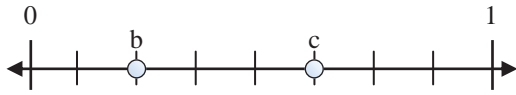

3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1. _____ **6**

2. _____ $\frac{1}{6}$

3. _____ $\frac{5}{5}$

4. _____ $\frac{1}{5}$

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

7) What is the value of 1 (written as a fraction) on this number line? _____

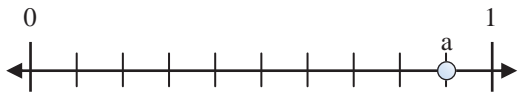**8)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

5. _____ **7**

6. _____ $\frac{4}{7}$

7. _____ $\frac{8}{8}$

8. _____ $\frac{3}{8}$

9. _____ **10**

10. _____ $\frac{9}{10}$

11. _____ $\frac{0}{3}$

12. _____ $\frac{2}{3}$

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

	1-10	92	83	75	67	58	50	42	33	25	17
	11-12	8	0								

Determining Fraction Value on a Number Line

Name:

Use the number lines to answer the questions.

Answers

0   a   1

Ex) The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0   b   c   1

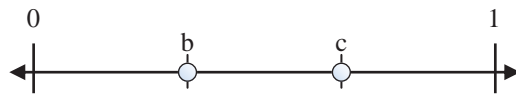$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex.   **11**

Ex.   **8 ⁄ 11**

Ex.   **12 ⁄ 12**

Ex.   **4 ⁄ 12**

0   a   1

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

0   b   c   1

3) What is the value of 1 (written as a fraction) on this number line? _____

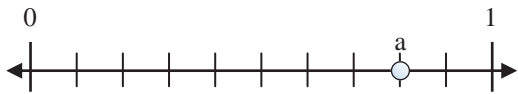**4)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

0   a   1

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____
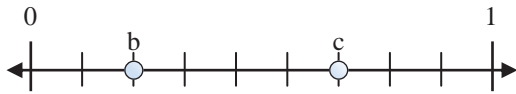
0   b   c   1

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

0   a   1

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0   b   c   1

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Use the number lines to answer the questions.

0 ———————————— a ———— 1

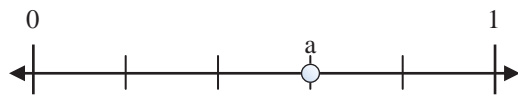**Ex)** The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ———— b ———— c ———— 1

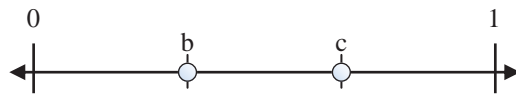$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11**

Ex. _____ **8 ╱ 11**

Ex. _____ **12 ╱ 12**

Ex. _____ **4 ╱ 12**

---

0 ———— a ———— 1

1) The number line above is divided into how many pieces?   _____

2) Write the location of the circle labeled 'a' written as a fraction.   _____

0 ———— b ———— c ———— 1

3) What is the value of 1 (written as a fraction) on this number line?   _____

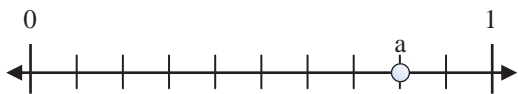**4)** From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

1. _____ **5**

2. _____ **3 ╱ 5**

3. _____ **3 ╱ 3**

4. _____ **1 ╱ 3**

---

0 ———— a ———— 1

5) The number line above is divided into how many pieces?   _____

6) Write the location of the circle labeled 'a' written as a fraction.   _____

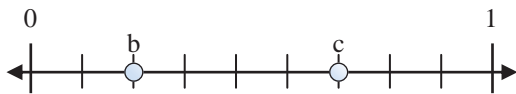0 ———— b ———— c ———— 1

7) What is the value of 1 (written as a fraction) on this number line?   _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

5. _____ **6**

6. _____ **4 ╱ 6**

7. _____ **4 ╱ 4**

8. _____ **2 ╱ 4**

9. _____ **10**

10. _____ **8 ╱ 10**

11. _____ **0 ╱ 9**

12. _____ **4 ╱ 9**

---

0 ———— a ———— 1

9) The number line above is divided into how many pieces?   _____

10) Write the location of the circle labeled 'a' written as a fraction.   _____

0 ———— b ———— c ———— 1

11) What is the value of 0 (written as a fraction) on this number line?   _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

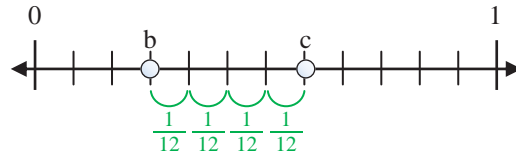Name:

Use the number lines to answer the questions.

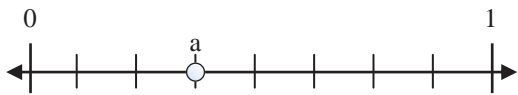0   1

a

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0   1

b   c

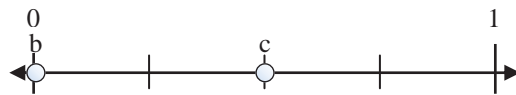$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$
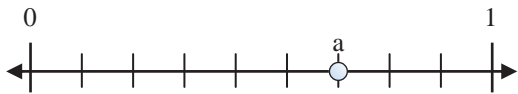
Ex. _____ **11**

Ex. _____ **8⁄11**

Ex. _____ **12⁄12**

Ex. _____ **4⁄12**

0   1

a

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

0   1

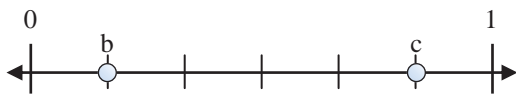b   c

3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____
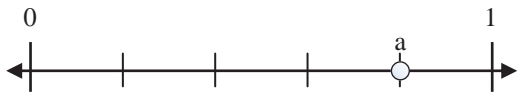
1. _____

2. _____

3. _____

4. _____

5. _____

0   1

a

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

0   1

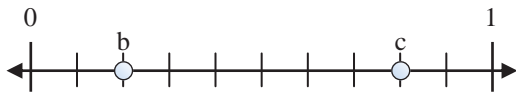b   c

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

0   1

a

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0   1

b   c

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Answer Key

Use the number lines to answer the questions.

Answers

0   1
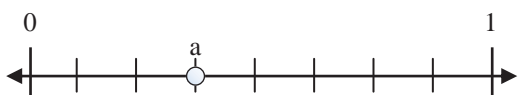a

Ex) The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0   1
b   c
$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$
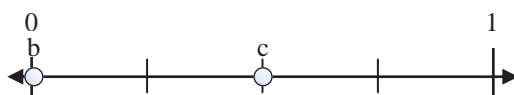
Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

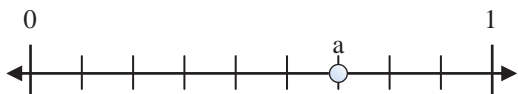**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11**

Ex. _____ $\frac{8}{11}$

Ex. _____ $\frac{12}{12}$

Ex. _____ $\frac{4}{12}$

0   1
a

1) The number line above is divided into how many pieces?   _____

2) Write the location of the circle labeled 'a' written as a fraction.   _____

0   1
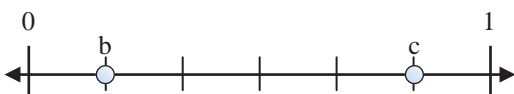b   c

3) What is the value of 1 (written as a fraction) on this number line?   _____

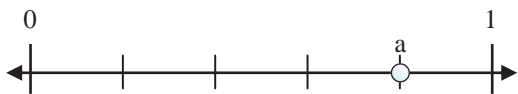**4)** From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

1. _____ **8**

2. _____ $\frac{3}{8}$

3. _____ $\frac{4}{4}$

4. _____ $\frac{2}{4}$

0   1
a

5) The number line above is divided into how many pieces?   _____

6) Write the location of the circle labeled 'a' written as a fraction.   _____

0   1
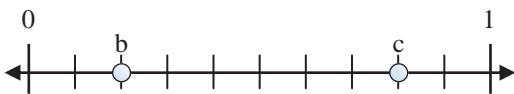b   c

7) What is the value of 1 (written as a fraction) on this number line?   _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

5. _____ **9**

6. _____ $\frac{6}{9}$

7. _____ $\frac{6}{6}$

8. _____ $\frac{4}{6}$

0   1
a

9) The number line above is divided into how many pieces?   _____

10) Write the location of the circle labeled 'a' written as a fraction.   _____

0   1
b   c

11) What is the value of 0 (written as a fraction) on this number line?   _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

9. _____ **5**

10. _____ $\frac{4}{5}$

11. _____ $\frac{0}{10}$

12. _____ $\frac{6}{10}$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determining Fraction Value on a Number Line

Name:

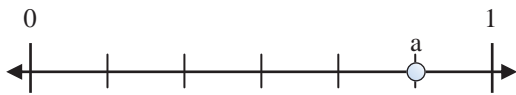**Use the number lines to answer the questions.**

0 ————————a———— 1

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ————b————c———— 1

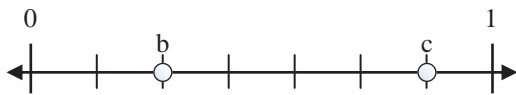$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

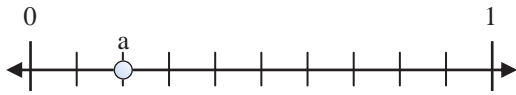**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. ___**11**___

Ex. ___**8**⁄**11**___

Ex. ___**12**⁄**12**___

Ex. ___**4**⁄**12**___

1. _____

2. _____

0 ————————a——— 1

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____
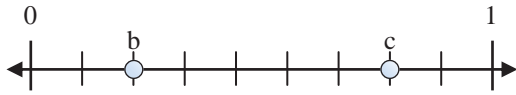
0 ———b————c——— 1

3) What is the value of 1 (written as a fraction) on this number line? _____

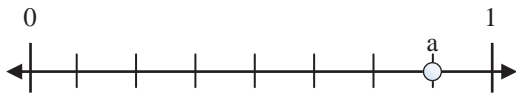**4)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

3. _____

4. _____

5. _____

6. _____

0 —a——————————— 1

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

0 ——b————c———— 1

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

0 ——————a———— 1

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0 ———b————————c 1

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name: **Answer Key**

Use the number lines to answer the questions.

Answers

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0 ———— a ———— 1

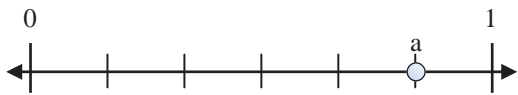**Ex)** The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

---

0 ——— b ——— c ——— 1

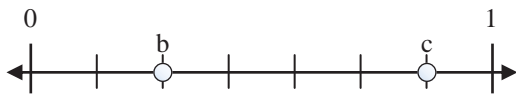$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$
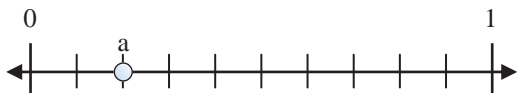

Ex. _____ **11**

Ex. _____ $\frac{8}{11}$

Ex. _____ $\frac{12}{12}$

Ex. _____ $\frac{4}{12}$

---

0 ——— a ——— 1

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____
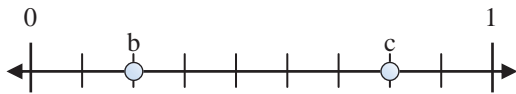
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0 ——— b ——— c ——— 1

3) What is the value of 1 (written as a fraction) on this number line? _____

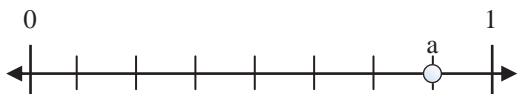**4)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

---

1. _____ **6**

2. _____ $\frac{5}{6}$

3. _____ $\frac{7}{7}$

4. _____ $\frac{4}{7}$

---

0 ——— a ——— 1

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

---

0 ——— b ——— c ——— 1

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

---

5. _____ **10**

6. _____ $\frac{2}{10}$

7. _____ $\frac{9}{9}$

8. _____ $\frac{5}{9}$

9. _____ **8**

10. _____ $\frac{7}{8}$

11. _____ $\frac{0}{3}$

12. _____ $\frac{2}{3}$

---

0 ——— a ——— 1

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

---

0 ——— b ——— c ——— 1

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

	1-10	92	83	75	67	58	50	42	33	25	17
	11-12	8	0								

Determining Fraction Value on a Number Line

Name:

Use the number lines to answer the questions.

0 ————————————— a ————— 1

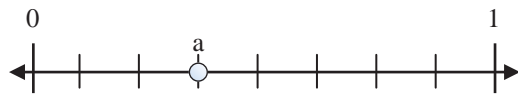**Ex)** The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ——— b ——— c ——— 1

$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$
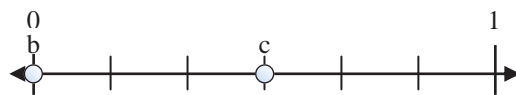
Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

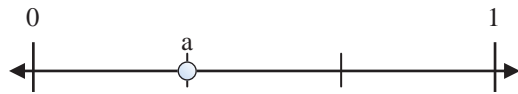**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

0 ——— a ——————— 1

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____
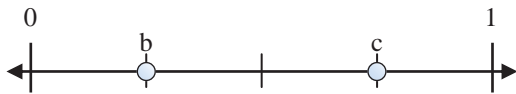
0 —b——————c——————— 1

3) What is the value of 1 (written as a fraction) on this number line? _____

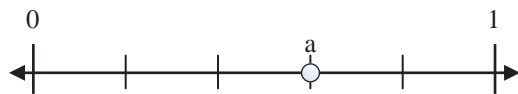**4)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

0 ——— a ——————— 1

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____
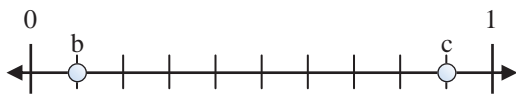
0 ——— b ——————— c ——— 1

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

0 ——————— a ——————— 1

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0 —b———————————c— 1

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Use the number lines to answer the questions.

Answers

---

0 ──────────── a ──── 1

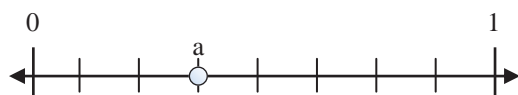**Ex)** The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\dfrac{8}{11}$

---

0 ──── b ──── c ──── 1

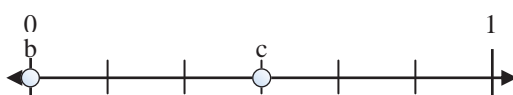$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\dfrac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\dfrac{4}{12}$
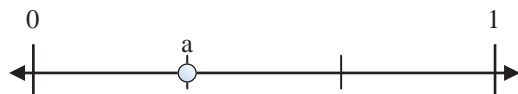

Ex. ____ **11**

Ex. ____ **8** ╱ **11**

Ex. ____ **12** ╱ **12**

Ex. ____ **4** ╱ **12**

---

0 ──── a ──────── 1

1) The number line above is divided into how many pieces? ____

2) Write the location of the circle labeled 'a' written as a fraction. ____
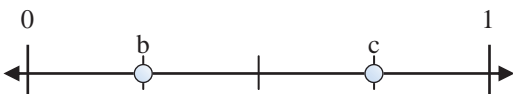
---

0 ──── b ──── c ──── 1

3) What is the value of 1 (written as a fraction) on this number line? ____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? ____

---

1. ____ **8**

2. ____ **3** ╱ **8**

3. ____ **6** ╱ **6**

4. ____ **3** ╱ **6**

---

0 ──── a ──────── 1

5) The number line above is divided into how many pieces? ____

6) Write the location of the circle labeled 'a' written as a fraction. ____

---

0 ──── b ──── c ──── 1

7) What is the value of 1 (written as a fraction) on this number line? ____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? ____
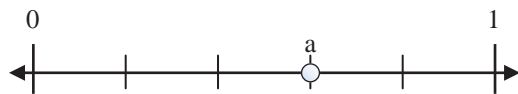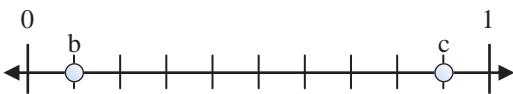
---

5. ____ **3**

6. ____ **1** ╱ **3**

7. ____ **4** ╱ **4**

8. ____ **2** ╱ **4**

---

0 ──── a ──────── 1

9) The number line above is divided into how many pieces? ____

10) Write the location of the circle labeled 'a' written as a fraction. ____

---

0 ── b ──────── c ── 1

11) What is the value of 0 (written as a fraction) on this number line? ____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? ____

---

9. ____ **5**

10. ____ **3** ╱ **5**

11. ____ **0** ╱ **10**

12. ____ **8** ╱ **10**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determining Fraction Value on a Number Line

Name:

Use the number lines to answer the questions.

0 ———————————— a ———— 1

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ——— b ——— c ——— 1
$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. ____**11**____

Ex. ____**8/11**____

Ex. ____**12/12**____

Ex. ____**4/12**____

0 ——— a ——————— 1

1) The number line above is divided into how many pieces? ____

2) Write the location of the circle labeled 'a' written as a fraction. ____

0 b ——————— c ——— 1

3) What is the value of 1 (written as a fraction) on this number line? ____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? ____

1. ____

2. ____

3. ____

4. ____

5. ____

0 ——— a ——————— 1

5) The number line above is divided into how many pieces? ____

6) Write the location of the circle labeled 'a' written as a fraction. ____

0 ——————— b ——— c ——— 1

7) What is the value of 1 (written as a fraction) on this number line? ____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? ____

6. ____

7. ____

8. ____

9. ____

10. ____

0 ——— a ——————— 1

9) The number line above is divided into how many pieces? ____

10) Write the location of the circle labeled 'a' written as a fraction. ____

0 ——— b ——————— c ——— 1

11) What is the value of 0 (written as a fraction) on this number line? ____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? ____

11. ____

12. ____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

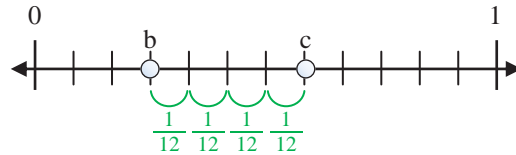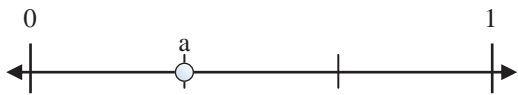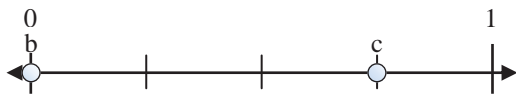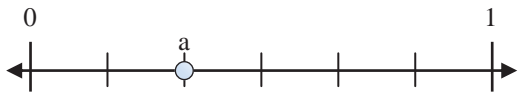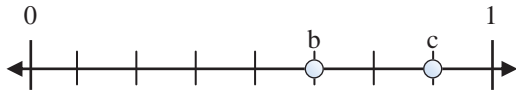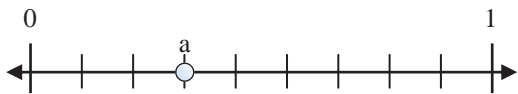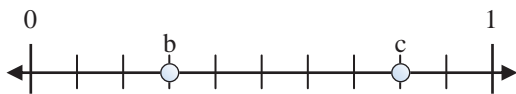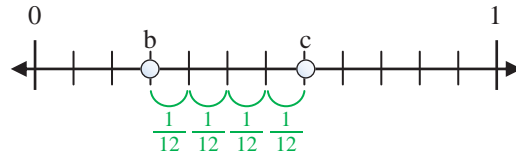**Use the number lines to answer the questions.**

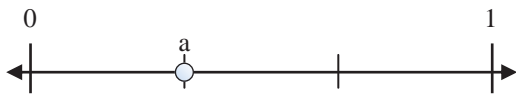0   1
a

Ex) The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0   1
b   c

$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$
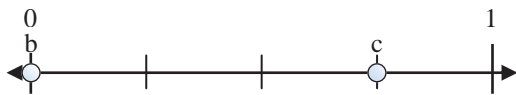
Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

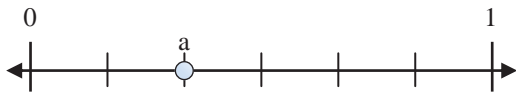**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11**

Ex. _____ $\frac{8}{11}$

Ex. _____ $\frac{12}{12}$

Ex. _____ $\frac{4}{12}$

0   1
a

1) The number line above is divided into how many pieces?   _____

2) Write the location of the circle labeled 'a' written as a fraction.   _____

0   1
b   c

3) What is the value of 1 (written as a fraction) on this number line?   _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

1. _____ **3**

2. _____ $\frac{1}{3}$

3. _____ $\frac{4}{4}$

4. _____ $\frac{3}{4}$

0   1
a

5) The number line above is divided into how many pieces?   _____

6) Write the location of the circle labeled 'a' written as a fraction.   _____

0   1
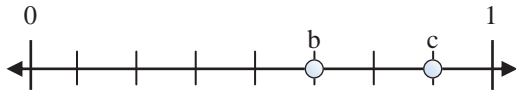b   c

7) What is the value of 1 (written as a fraction) on this number line?   _____

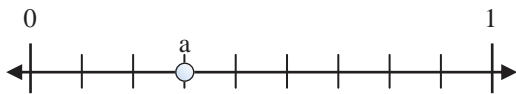**8)** From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

5. _____ **6**

6. _____ $\frac{2}{6}$

7. _____ $\frac{8}{8}$

8. _____ $\frac{2}{8}$

0   1
a

9) The number line above is divided into how many pieces?   _____

10) Write the location of the circle labeled 'a' written as a fraction.   _____

0   1
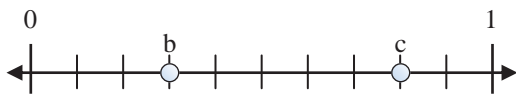b   c

11) What is the value of 0 (written as a fraction) on this number line?   _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

9. _____ **9**

10. _____ $\frac{3}{9}$

11. _____ $\frac{0}{10}$

12. _____ $\frac{5}{10}$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Use the number lines to answer the questions.

0   a   1

0   b   c   1

$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$
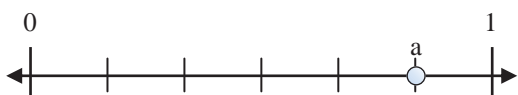
Ex) The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$
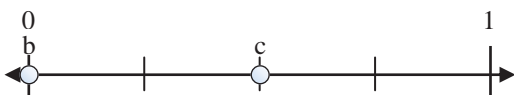
Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

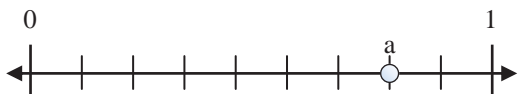**Ex)** From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex.   **11**

Ex.   **8 / 11**

Ex.   **12 / 12**

Ex.   **4 / 12**

1. _____

0   a   1

0, b   c   1

2. _____

3. _____

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

4. _____

5. _____

6. _____

0   a   1

0   b   c   1

7. _____

5) The number line above is divided into how many pieces? _____

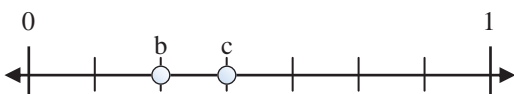**6)** Write the location of the circle labeled 'a' written as a fraction. _____

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

8. _____

9. _____

10. _____

11. _____

0   a   1

0   b   c   1

12. _____

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

11) What is the value of 0 (written as a fraction) on this number line? _____

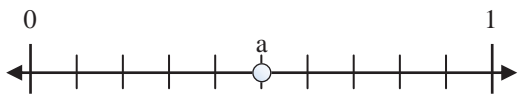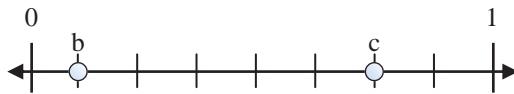**12)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Use the number lines to answer the questions.

Answers

Number line from 0 to 1 with circle 'a'

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

Number line from 0 to 1 with circles 'b' and 'c', marked $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. **11**

Ex. $\frac{8}{11}$

Ex. $\frac{12}{12}$

Ex. $\frac{4}{12}$

Number line from 0 to 1 with circle 'a'

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

Number line from 0 to 1 with circles 'b' and 'c'

3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1. **6**

2. $\frac{5}{6}$

3. $\frac{4}{4}$

4. $\frac{2}{4}$

Number line from 0 to 1 with circle 'a'

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

Number line from 0 to 1 with circles 'b' and 'c'

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

5. **9**

6. $\frac{7}{9}$

7. $\frac{7}{7}$

8. $\frac{1}{7}$

9. **10**

10. $\frac{5}{10}$

11. $\frac{0}{8}$

12. $\frac{5}{8}$

Number line from 0 to 1 with circle 'a'

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

Number line from 0 to 1 with circles 'b' and 'c'

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

7

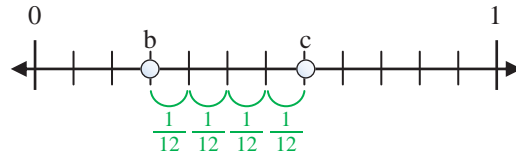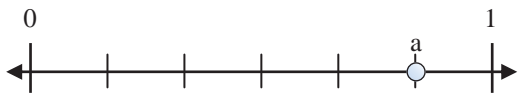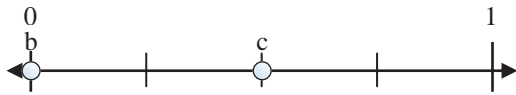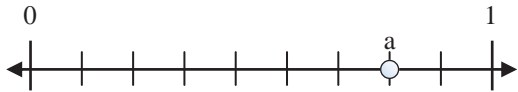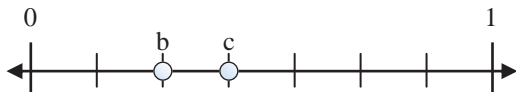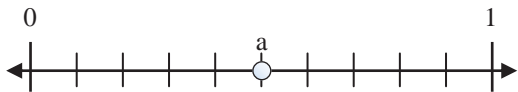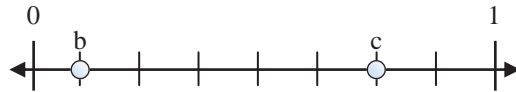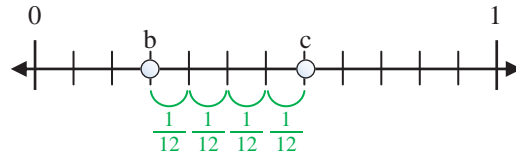| 1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Use the number lines to answer the questions.
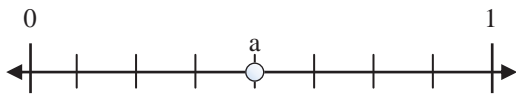
0   1

a

Ex) The number line above is divided into how many pieces?　**11**

Ex) Write the location of the circle labeled 'a' written as a fraction.　$\dfrac{8}{11}$

0   1

b   c

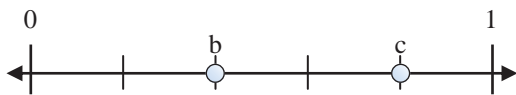$\dfrac{1}{12}$ $\dfrac{1}{12}$ $\dfrac{1}{12}$ $\dfrac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line?　$\dfrac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)?　$\dfrac{4}{12}$
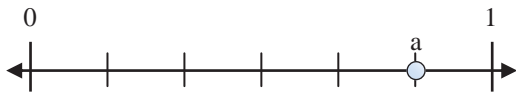
Ex. ____ **11**

Ex. ____ **8/11**

Ex. ____ **12/12**

Ex. ____ **4/12**

0   1

a

1) The number line above is divided into how many pieces?　____

2) Write the location of the circle labeled 'a' written as a fraction.　____

0   1

b   c

3) What is the value of 1 (written as a fraction) on this number line?　____

4) From circle 'b' to circle 'c' is how far (written as a fraction)?　____

0   1

a

5) The number line above is divided into how many pieces?　____

6) Write the location of the circle labeled 'a' written as a fraction.　____

0   1

b   c

7) What is the value of 1 (written as a fraction) on this number line?　____

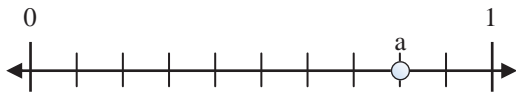**8)** From circle 'b' to circle 'c' is how far (written as a fraction)?　____

0   1

a

9) The number line above is divided into how many pieces?　____

10) Write the location of the circle labeled 'a' written as a fraction.　____

0   1
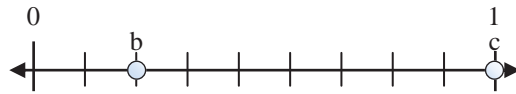
b   c

11) What is the value of 0 (written as a fraction) on this number line?　____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?　____

1. ____
2. ____
3. ____
4. ____
5. ____
6. ____
7. ____
8. ____
9. ____
10. ____
11. ____
12. ____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Answer Key

Use the number lines to answer the questions.

0 |——————a——————| 1

Ex. ____**11**____

Ex. ____$\dfrac{8}{11}$____

Ex) The number line above is divided into how many pieces?   **11**
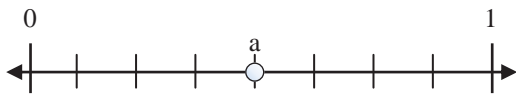
Ex) Write the location of the circle labeled 'a' written as a fraction. $\dfrac{8}{11}$

0 |——b————c——————| 1

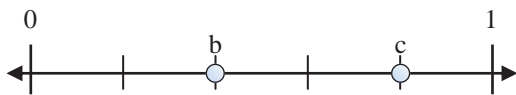$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\dfrac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\dfrac{4}{12}$
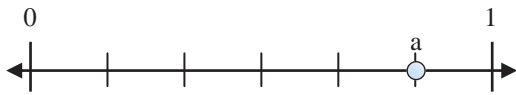
Ex. ____$\dfrac{12}{12}$____

Ex. ____$\dfrac{4}{12}$____

0 |————a————| 1

1) The number line above is divided into how many pieces?   ____

2) Write the location of the circle labeled 'a' written as a fraction.   ____

0 |————b————c————| 1

3) What is the value of 1 (written as a fraction) on this number line?   ____

4) From circle 'b' to circle 'c' is how far (written as a fraction)?   ____

1. ____**8**____

2. ____$\dfrac{4}{8}$____

3. ____$\dfrac{5}{5}$____

4. ____$\dfrac{2}{5}$____

0 |————————a——| 1

5) The number line above is divided into how many pieces?   ____

6) Write the location of the circle labeled 'a' written as a fraction.   ____

0 |————b————c————| 1

7) What is the value of 1 (written as a fraction) on this number line?   ____

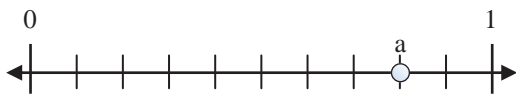**8)** From circle 'b' to circle 'c' is how far (written as a fraction)?   ____

5. ____**6**____

6. ____$\dfrac{5}{6}$____

7. ____$\dfrac{3}{3}$____

8. ____$\dfrac{1}{3}$____

9. ____**10**____

10. ____$\dfrac{8}{10}$____

11. ____$\dfrac{0}{9}$____

12. ____$\dfrac{7}{9}$____

0 |——————a——| 1

9) The number line above is divided into how many pieces?   ____

10) Write the location of the circle labeled 'a' written as a fraction.   ____
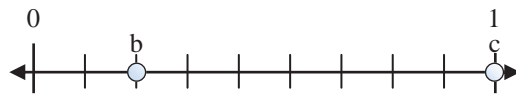
0 |——b——————c| 1

11) What is the value of 0 (written as a fraction) on this number line?   ____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?   ____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determining Fraction Value on a Number Line

Name:

Use the number lines to answer the questions.

Answers

0 ————————— a ————————— 1

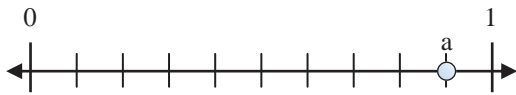**Ex)** The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ——— b ——— c ——— 1

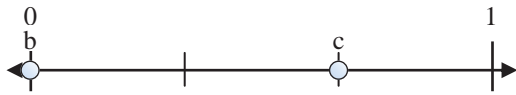$\frac{1}{12}\ \frac{1}{12}\ \frac{1}{12}\ \frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$
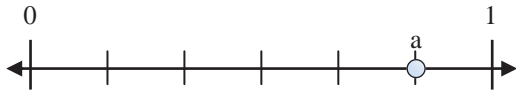
Ex. _____ **11**

Ex. _____ **8⁄11**

Ex. _____ **12⁄12**

Ex. _____ **4⁄12**

1. _____

2. _____

0 ————————— a — 1

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

0 b ——————— c ——————— 1

3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

3. _____

4. _____

5. _____

6. _____

7. _____

0 ——————— a — 1

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____
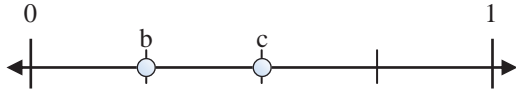

0 —— b —— c —————— 1

7) What is the value of 1 (written as a fraction) on this number line? _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

8. _____

9. _____

10. _____

11. _____

12. _____

0 — a ——————————— 1

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0 —— b —————— c —— 1

11) What is the value of 0 (written as a fraction) on this number line? _____

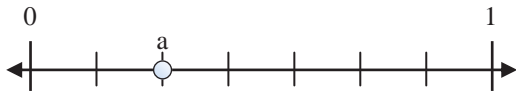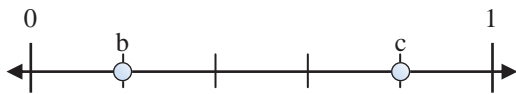**12)** From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Use the number lines to answer the questions.

Answers

0 ———————— a ———— 1

Ex) The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ———— b ———— c ———— 1

$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11**

Ex. _____ **8**/**11**

Ex. _____ **12**/**12**

Ex. _____ **4**/**12**

0 ———————— a ———— 1

1) The number line above is divided into how many pieces?   _____

2) Write the location of the circle labeled 'a' written as a fraction.   _____

0 b ———————— c ———— 1

3) What is the value of 1 (written as a fraction) on this number line?   _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

1. _____ **10**

2. _____ **9**/**10**

3. _____ **3**/**3**

4. _____ **2**/**3**

0 ———————— a ———— 1

5) The number line above is divided into how many pieces?   _____

6) Write the location of the circle labeled 'a' written as a fraction.   _____

0 ———— b ———— c ———— 1

7) What is the value of 1 (written as a fraction) on this number line?   _____

8) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

5. _____ **6**

6. _____ **5**/**6**

7. _____ **4**/**4**

8. _____ **1**/**4**

0 ———— a ———————— 1

9) The number line above is divided into how many pieces?   _____

10) Write the location of the circle labeled 'a' written as a fraction.   _____

0 ———— b ———————— c ———— 1

11) What is the value of 0 (written as a fraction) on this number line?   _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

9. _____ **7**

10. _____ **2**/**7**

11. _____ **0**/**5**

12. _____ **3**/**5**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Determining Fraction Value on a Number Line

Name:

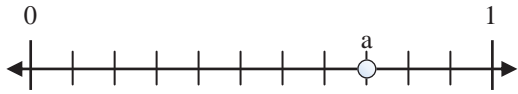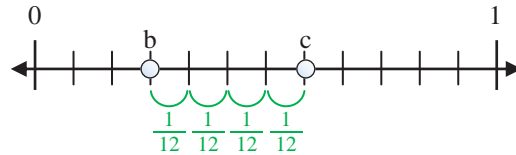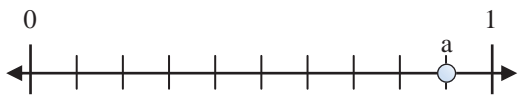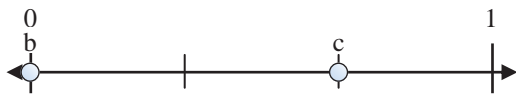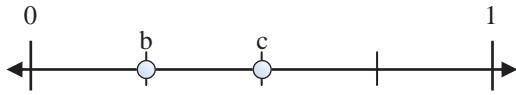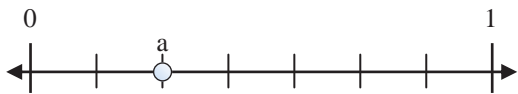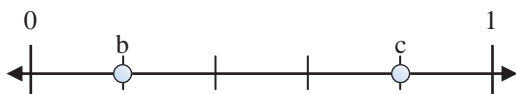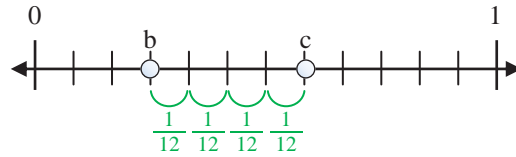**Use the number lines to answer the questions.**
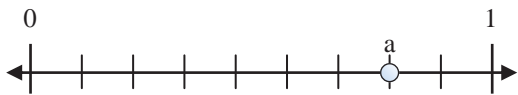
0   1

a

Ex) The number line above is divided into how many pieces? **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. **8/11**

0   1

b   c

$\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? **12/12**

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? **4/12**

Ex. _____ **11**

Ex. _____ **8/11**

Ex. _____ **12/12**

Ex. _____ **4/12**

0   1

a

1) The number line above is divided into how many pieces? _____

2) Write the location of the circle labeled 'a' written as a fraction. _____

0   1

b   c

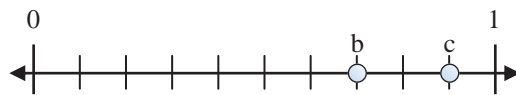3) What is the value of 1 (written as a fraction) on this number line? _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

0   1

a

5) The number line above is divided into how many pieces? _____

6) Write the location of the circle labeled 'a' written as a fraction. _____

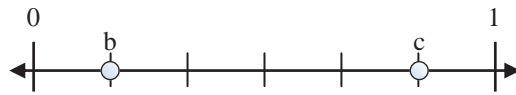0   1

b   c

7) What is the value of 1 (written as a fraction) on this number line? _____

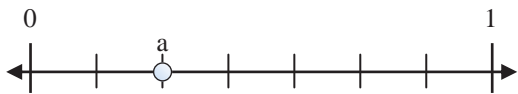8) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

0   1

a

9) The number line above is divided into how many pieces? _____

10) Write the location of the circle labeled 'a' written as a fraction. _____

0   1

b   c

11) What is the value of 0 (written as a fraction) on this number line? _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)? _____

Math   www.CommonCoreSheets.com   10

Use the number lines to answer the questions.

Answers

0 —————————— a ——— 1

Ex) The number line above is divided into how many pieces?   **11**

Ex) Write the location of the circle labeled 'a' written as a fraction. $\frac{8}{11}$

0 ——— b ——— c ——— 1

$\frac{1}{12}\ \frac{1}{12}\ \frac{1}{12}\ \frac{1}{12}$

Ex) What is the value of 1 (written as a fraction) on this number line? $\frac{12}{12}$

Ex) From circle 'b' to circle 'c' is how far (written as a fraction)? $\frac{4}{12}$

Ex. _____ **11** _____

Ex. $\frac{8}{11}$

Ex. $\frac{12}{12}$

Ex. $\frac{4}{12}$

Ex. _____

1. _____ **9** _____

2. $\frac{7}{9}$

3. $\frac{10}{10}$

4. $\frac{2}{10}$

0 —————————— a ——— 1
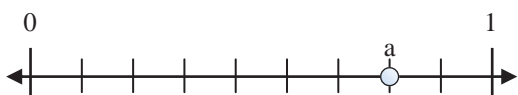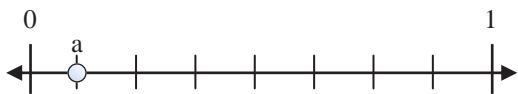
1) The number line above is divided into how many pieces?   _____

2) Write the location of the circle labeled 'a' written as a fraction.   _____

0 ——————— b ——— c ——— 1

3) What is the value of 1 (written as a fraction) on this number line?   _____

4) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

5. _____ **8** _____

6. $\frac{1}{8}$

7. $\frac{6}{6}$

8. $\frac{4}{6}$

0 — a ——————————— 1

5) The number line above is divided into how many pieces?   _____

6) Write the location of the circle labeled 'a' written as a fraction.   _____

0 — b ——————— c — 1

7) What is the value of 1 (written as a fraction) on this number line?   _____

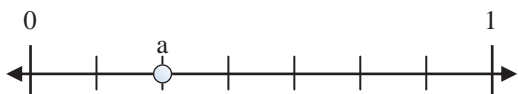**8)** From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

9. _____ **7** _____

10. $\frac{2}{7}$

11. $\frac{0}{3}$

12. $\frac{1}{3}$

0 —— a ——————— 1

9) The number line above is divided into how many pieces?   _____

10) Write the location of the circle labeled 'a' written as a fraction.   _____

0 ——— b ——— c ——— 1

11) What is the value of 0 (written as a fraction) on this number line?   _____

12) From circle 'b' to circle 'c' is how far (written as a fraction)?   _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								