

Name _____ Date _____

Units of Time

To change a large unit, such as weeks, to a smaller unit, such as days, you multiply.

To change a small unit, such as days, to a larger unit, such as weeks, you divide. Reduce fractions to lowest terms.

3 wk. = _____ days

30 days = _____ wk.

To change to a smaller unit, multiply.

1 wk. = 7 days

$3 \times 7 = 21$ days

To change to a larger unit, divide. Reduce if possible.

1 wk. = 7 days

$30 \div 7 = 4\frac{2}{7}$ wk.

Change each measurement to the smaller unit.

1. 8 hr. = 480 min.
1 hr. = 60 min.
 $8 \times 60 = 480$

$8\frac{1}{2}$ days = _____ hr.

$2\frac{1}{2}$ yr. = _____ mo.

2. $4\frac{1}{4}$ min. = _____ sec.

3 yr. = _____ wk.

4 days = _____ hr.

3. 15 wk. = _____ days

6 hr. = _____ min.

5 min. = _____ sec.

Change each measurement to the larger unit. Reduce fractions if possible.

4. 80 min. = $1\frac{1}{3}$ hr.
1 hr. = 60 min.
 $80 \div 60 = 1\frac{20}{60} = 1\frac{1}{3}$

16 mo. = _____ yr.

90 sec. = _____ min.

5. 48 mo. = _____ yr.

75 min. = _____ hr.

8 hr. = _____ day

6. 104 wk. = _____ yr.

3 mo. = _____ yr.

48 hr. = _____ days

Solve.

7. Mary is 22 months younger than her sister. Change 22 months to years.

8. The clock showed there were 4 minutes left in the basketball game. How many seconds were left in the game?

Answer _____

Answer _____

Units of Time

Answer Key

1. 480 min. 204 hr. 30 mo.
2. 255 sec. 156 wk. 96 hr.
3. 105 days 360 min. 300 sec.
4. $1\frac{1}{3}$ hr. $1\frac{1}{3}$ yr. $1\frac{1}{2}$ min.
5. 4 yr. $1\frac{1}{4}$ hr. $\frac{1}{3}$ day
6. 2 yr. $\frac{1}{4}$ yr. 2 days
7. $1\frac{5}{6}$ years 8. 240 seconds

