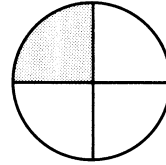Name _____ Date _____

Understanding Fractions

A fraction names part of a whole. This circle has four parts. Each part is $\frac{1}{4}$ of the circle.

1 of the 4 equal parts is shaded.

numerator⟶
$\frac{1}{4}$ 1—one part is shaded
4—four parts in all
denominator⟶

One fourth is shaded.

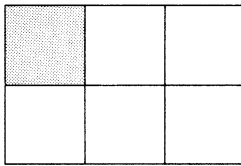A fraction also names part of a group. Three of the five triangles are shaded.

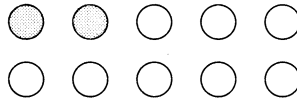$\frac{3}{5}$ 3—three parts are shaded
5—five parts in all

Three fifths are shaded.

Write the fraction and the word name for the part that is shaded.
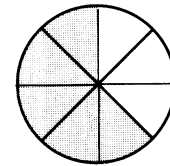
1.

one of the six equal parts   two of the ten equal parts   five of the eight equal parts

$\frac{1}{6}$ or ____one sixth____   _____ or _____   _____ or _____

Write the fraction for the word name.

2. three fifths $\frac{3}{5}$ two thirds _____   five eighths _____   six sevenths _____

3. one sixth _____   nine ninths _____   four sevenths _____   seven tenths _____

Write the word name for the fraction.

4. $\frac{2}{7}$ ___two sevenths___ $\frac{6}{6}$ _____   5. $\frac{3}{10}$ _____ $\frac{1}{2}$ _____

6. $\frac{8}{9}$ _____ $\frac{4}{5}$ _____   7. $\frac{7}{8}$ _____ $\frac{1}{4}$ _____

There are 12 months in a year. Each month is $\frac{1}{12}$ year. Write the following as a fraction of a year. Write the word name for the fraction.

8. 5 months = __$\frac{5}{12}$__ year   7 months = _____ year   11 months = _____ year

____five twelfths____   _____   _____

9. 6 months = _____ year   4 months = _____ year   8 months = _____ year

_____   _____   _____

Understanding Fractions

Answer Key

1. $\frac{1}{6}$, one sixth $\frac{2}{10}$, two tenths $\frac{5}{8}$, five eighths

2. $\frac{3}{5}$ $\frac{2}{3}$ $\frac{5}{8}$ $\frac{6}{7}$

3. $\frac{1}{6}$ $\frac{9}{9}$ $\frac{4}{7}$ $\frac{7}{10}$

4. two sevenths   six sixths

5. three tenths   one half

6. eight ninths   four fifths

7. seven eighths   one fourth

8. $\frac{5}{12}$, five twelfths $\frac{7}{12}$, seven twelfths $\frac{11}{12}$, eleven twelfths

9. $\frac{6}{12}$, six twelfths $\frac{4}{12}$, four twelfths $\frac{8}{12}$, eight twelfths

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