

Lesson 148

Name _____

Date _____

Homework

Converting fractions to decimals using division

When an improper fraction is changed to a mixed number, it is done by dividing the denominator into the numerator. This is because any fraction can be written as a division problem. If you have difficulty remembering that it is the numerator divided by the denominator, keep these examples in mind.

$$\frac{6}{2} = 6 \div 2 = 3 \quad \frac{7}{3} = 7 \div 3 = 2 \frac{1}{3}$$

Convert each fraction to a decimal (rounded to the nearest hundredth if necessary).

① $\frac{1}{2} = 2 \overline{) \begin{array}{r} .5 \\ 1.0 \\ -1.0 \\ \hline 0 \end{array}}$

_____ .5 _____

② $\frac{1}{3} = 3 \overline{) \begin{array}{r} .333 \\ 1.000 \\ -9 \\ \hline 10 \\ -9 \\ \hline 10 \\ -9 \\ \hline 1 \end{array}}$

_____ .33 _____

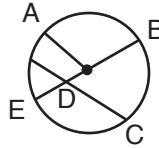
③ $\frac{8}{25} = 25 \overline{) \begin{array}{r} .32 \\ 8.00 \\ -7.5 \\ \hline 50 \\ -50 \\ \hline 0 \end{array}}$

_____ .32 _____

④ $\frac{5}{8}$

⑤ $\frac{1}{4}$

⑥ $\frac{2}{3}$



Identify a diameter.

5. \overline{BE} 7. \overline{AG}
6. \overline{BD} 8. \overline{FC}

$$\frac{8}{20} = \frac{\square}{5} \quad \frac{4}{6} = \frac{\square}{3}$$

A 9

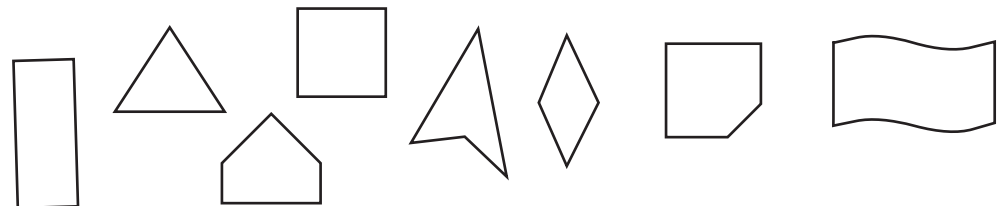
Select the correct symbol.

$8 + (7 \times 0)$ $2 \times (9 - 3)$
= > <
26. 27. 28.

$N \times 4 = 15 + N$ N = _____

$(8 \times 3) \div _____ = (6 \times 6) \div 3$

B 35



quadrilaterals _____ not a parallelogram _____ polygons _____

C 16

Four weeks ago Letty ran 32 miles. Today she ran 8 miles. How much farther did she run 4 weeks ago than today?

John bought 2 dozen eggs, 3 dozen apples and 6 pears. How many apples did he buy?

You might fill your gas tank up with _____ of gas.

- 26 meters
- 27 liters
- 28 kilograms
- 29 centimeters

D 87