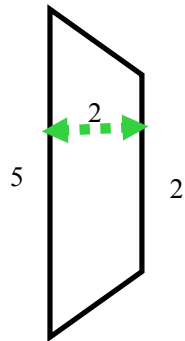
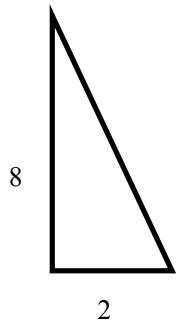
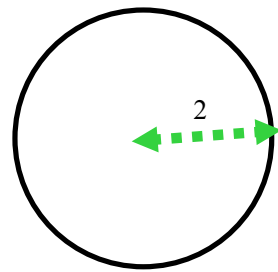


Warm up and review
Find the area



Find the Circumference



Chapter 2.4 Percent

Percent means per 100

Rewrite as a fractional
percent. No Calculators

$$\frac{8}{5}$$

Rewrite as a percent using a calculator

$$\frac{3}{20}$$

To find the fractional percent we divide
the part by the whole

$\frac{\text{part}}{\text{whole}}$

What percent of 80 is 20?

$\frac{20}{80}$ gives us $\underline{0.25} = 25\%$

and if you turn it into a
decimal we get $\underline{0.25}$
Which is $\underline{25}\%$

0.6

Practice problems. No calculators

$$\frac{P}{W} =$$

What percent of 10 is 6?

$$\frac{6}{10} = 0.6 = 60\%$$

What percent of 120 is 48?

$$\frac{48}{120} = 0.4 = \underline{40\%} = \frac{40}{100}$$

Calculating percentage

What is 25 % of 16?

convert 25 % to a decimal, and multiply.

$$0.25 \times 16 = \text{WHAT}$$
$$4 = \text{WHAT}$$

What is 15 % of 128?

$$\frac{\text{WHAT}}{128} = 0.15$$

$$\text{WHAT} = 19.2$$

$$1a) \quad 90 \cdot 0.5 =$$
$$45 =$$

$$\frac{P}{W} = \%$$

$$W \cdot \% = P$$

$$1b) \quad \frac{800 \times 0.25}{200} =$$

$$\frac{P}{W} = \%$$

$$W \cdot \% = P$$

$$1f) \quad P = 6 \times 33\frac{1}{3}\%$$


$$= 6 \times 0.333333$$

$$= 6 \times 0.\overline{3}$$

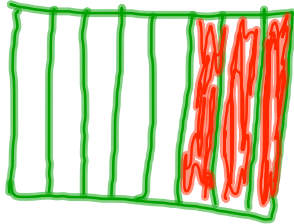
$$\frac{P}{\%} = W$$

Page 74

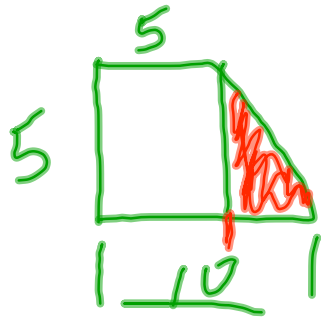
6, 7, 8, 9, 12,
16, 17, 18

6)  = 0.25 = 25%

→



$$\frac{3}{8} = 0.375 = \underline{\underline{37.5\%}}$$



$$= \frac{P}{W} =$$

Calculating the tip
Use a calculator BUT SHOW ALL STEPS.

While in Florida you go out to a restaurant and receive a bill for 28 dollars. You decide to tip 15%. How much extra do you give the waitress/waiter?

How much do you write the check for?

Percent means per 100 but sometimes we
are dealing with more than 100%

John got all 10 problems on his test correct. He also got an extra credit point for putting his name, date and period on his test. So, he got 11 out of a possible 10 points on the test. What is his percentage on this test?