

NAME:



UNIT 1: DAY 16 PERCENTS HOMEWORK

1. What percent of 60 is 15?

$$\frac{x(60)}{60} = \frac{15}{60}$$
$$x = 25\%$$

2. 23 is 5.3% of what number?

$$\frac{23}{.053} = \frac{.053x}{.053}$$
$$433.96 = x$$

3. 15 is what percent of 140?

$$\frac{15}{140} = \frac{x(140)}{140}$$
$$.107 = x$$
$$10.7\%$$

4. Convert $\frac{1}{15}$ to a percent.

$$.06 \approx 6.7\%$$

5. One day you decide it is a good idea to post 25 selfies on Instagram. The next day you lose 40% of our followers. How many do you have left?

$$(25)(.40) = 10 \text{ followers}$$

NAME:



UNIT 1: DAY 16 PERCENTS HOMEWORK

1. What percent of 60 is 15?

2. 23 is 5.3% of what number?

3. 115 is what percent of 14?

4. Convert $\frac{1}{15}$ to a percent.

5. One day you decide it is a good idea to post 25 selfies on Instagram. The next day you lose 43% of our followers. How many do you have left?