

Name: _____

CENTER 12
Doodle Data

In "How Google Doodles" on page 4, you learned that a percent is a ratio that compares a number to 100, and you practiced a method for calculating percents. Use this method to answer five more questions based on data about Google's Doodles from the year 2014. Round all final answers to the nearest whole percent.

EXAMPLE:

Of the 414 Google Doodles featured in 2014, 6 were interactive. What percent is this?

STEP 1: Divide the part (the smaller number) by the whole (the total number):

$$6 \div 414 = 0.014492 \dots$$

STEP 2: Your answer will be a decimal number. Round it to the nearest hundredth.

$$0.014492 \dots \rightarrow 0.01$$

STEP 3: Multiply the decimal by 100 and add a percent sign (%).

$$0.01 \times 100 = 1\%$$

So 1% of Google Doodles in 2014 were interactive.

YOUR TURN 

1. Of the 414 Google Doodles featured in 2014, 48 were animated. What percent of total Doodles was this?

4. Google featured 30 Doodles in October, of which 12 those were animated. What percent of total October Doodles was this?

2. Of the Doodles posted in 2014, 16 honored Election Days in countries around the world. What percent of total Doodles was this?

5. Of the Doodles in October, 15 honored holidays. What percent of total October Doodles was this?

3. In July 2014, Google featured animated Doodles on the 14th and 20th. What percent of days in July featured animated Doodles?