
Day 3: Intro to Percents

1. For each number below, write it in fraction, decimal, AND percent form:

a. 4%

b. 0.09

c. $\frac{11}{20}$

d. 130%

e. 2.25

f. $\frac{3}{5}$ g. $\frac{18}{5}$

2. Avery got 18 out of 20 questions right on his math test. What percent of the questions did he get correct?

3. Sienna is practicing her free throw shots. She made 17 out of 25 free throw shots. What percent of the shots did she make?

4. **Without using a calculator**, calculate the following percents:

a. 50% of 60

b. 100% of 70

c. 25% of 12

d. 10% of 45

e. 1% of 150

f. 25% of 160

g. 50% of 500

h. 5% of 50

5. Using your knowledge of percents, fractions, and decimals, order the following numbers in order from least to greatest **WITHOUT a calculator**. (Hint: think of benchmark fractions and converting percents to decimals).

a.

0.35, $\frac{1}{4}$, 28%, $\frac{8}{9}$

b.

 $\frac{25}{8}$, 131%, 0.9, 1.1

c.

 $\frac{7}{8}$, 0.1, 65%, 1.5

6. Calculate each percent. **You should use a calculator** and show what you put in your calculator below.

a. 63% of 18

b. 76% of 300

c. 11% of 88