

HW 1.5

Date_____ Alg_____

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Indicate if the answer will be positive or negative and how you know what the sign will be.

1) $(-5)(-7)$

2) $20 \div -2$

3) $5 + -2$

4) $-2 - -1$

Evaluate each expression.

5) $1 - -\frac{4}{3}$

6) $-\frac{9}{7} - -\frac{1}{2}$

7) $(2)\left(-\frac{1}{5}\right)$

8) $\frac{-2}{3} \div \frac{-1}{4}$

Solve each problem.

9) What percent of 108 is 62?

10) 59.9 is what percent of 107?

11) What is 17% of 108?

12) What is 62% of 23.2?

13) 52% of what is 44?

14) 7% of what is 97?

Find the selling price of each item.

15) Original price of a camera: \$529.99
Tax: 3%

16) Original price of a truck: \$8,000.00
Discount: 20%
Tax: 4%

17) The unit rate for hot dogs is \$0.29. If you buy a pack that has 20 hot dogs in it, how much will it cost?

18) Ryan jogged 7 miles in 1.7 hours. What was his rate in miles per hour?

19) Scott drove to the train station and back. On the trip there he drove 50 km/h and on the return trip he went 60 km/h. How long did the trip there take if the return trip took five hours?