

Homework 1 (Q1)

Name _____

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Fractions/Integers

Date: Assigned Mon. 8/28/17 - Due Tues. 8/29/17 _____

On your separate sheet of paper using the format discussed in class, evaluate each expression. Write answers as improper fractions.

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

2) $5 - \frac{5}{7}$

3) $2 - \frac{1}{2}$

4) $3\frac{1}{3} \times \frac{1}{2}$

5) $4\frac{3}{7} \div 1\frac{1}{2}$

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

7) $(-12) + 9 + 25$

8) a) $4 - (-5) - (-19)$

b) $20 \cdot -3$

c) $-22 \div -11$

9. The price of a pair of (cheap) shoes has increased by 15%. The original price of the shoes was \$20. What is the new price?

***There are two ways to show the work for this problem. Try to show both ways.
Show work algebraically that supports your answer.

10. Melinda was at the gym for 65 minutes on Monday. Of that time, she spent 23 minutes on the stationary bike. What percentage of her time, rounded to the nearest percent, was spent on the stationary bike?

Show work algebraically that supports your answer.

- A 35%
- B 55%
- C 65%
- D 74%