

**Adding & Subtracting Integers:**

**Ex. 1:**  $-4 + -6$

$$\textcircled{-10}$$

**Ex. 2:**  $5 + -7$

$$\textcircled{-2}$$

**Ex. 3:**  $-3 + 8$

$$\textcircled{5}$$

**Ex. 4:**  $5 + -9$

$$\textcircled{-4}$$

**Ex. 5:**  $-6 - (-7)$

$$\textcircled{1}$$

**Ex. 6:**  $-2 + -7$

$$\textcircled{-9}$$

**Multiplying & Dividing Integers:**

$$\begin{array}{ll} (+)(+) = + & (+)(-) = (-) \\ (-)(-) = + & (-)(+) = (-) \end{array}$$

**Ex. 7:**  $(5)(-6) = -30$

**Ex. 8:**  $\frac{-16}{-2} = 8$

**Adding & Subtracting Fractions:** *common denom.*

Ex. 9:  $\frac{5 \cdot 3}{5 \cdot 4} + \frac{1 \cdot 4}{5 \cdot 4}$

$$\frac{15}{20} + \frac{4}{20} = \left( \frac{19}{20} \right)$$

Ex. 10:  $2\frac{1}{3} - 1\frac{5}{6}$

$$6+1 \quad 6+5$$

$$2 \cdot \frac{2}{3} - \frac{11}{6}$$

$$\frac{14}{6} - \frac{11}{6} = \frac{3 \div 3}{6 \div 3} = \left( \frac{1}{2} \right)$$

**Multiplying & Dividing Fractions:**

Ex. 11:  $\frac{5}{2} \cdot \frac{4}{9} = \frac{20 \div 2}{18 \div 2} = \left( \frac{10}{9} \right)$

$$\left( \frac{10}{9} \right)$$

Ex. 12:

$$\left( -\frac{3}{4} \right) \div \left( \frac{9}{8} \right)$$

$$\frac{3}{4} \cdot \frac{8}{9}$$

$$\left( -\frac{2}{3} \right)$$

**Rounding:**

**Ex. 13:** Round to the nearest tenths place: 58.59

58.6

Look to  
the Right

↑ 5 goes up 1  
↓ 5 stays the  
same

**Ex. 14:** Round to the nearest tenths place: 62.98

63.0

**Ex. 15:** Round to the nearest ones place: 873,416.93

873,417

**Ex. 16:** Round to the nearest hundredths place: 751.653

751.65

**Ex. 17:** Round to the nearest thousandths place: 42.5793

hundreds	tens	ones	.	tenths	hundredths	thousandths	42.579
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