Answer Key · Lesson 5.6: Operations with Rational Numbers

School Launch · Pre-Algebra · Unit 5 · Worksheet A · for the parent

Key

1. $\frac{17}{12}$

Compute and simplify: $\left(\frac{9}{4}\right) - \left(\frac{5}{6}\right)$.

2. $\frac{10}{3}$

Compute and simplify: $(4) - \left(\frac{2}{3}\right)$.

3. $-\frac{19}{10}$

Compute and simplify: $\left(\frac{8}{5}\right) - \left(\frac{7}{2}\right)$.

4. $\frac{43}{10}$

1. $\left(-\frac{1}{5}\right) - \left(-\frac{9}{2}\right) = \frac{43}{10}$

Compute and simplify: $\left(-\frac{1}{5}\right) - \left(-\frac{9}{2}\right)$.

5. $-\frac{14}{5}$

1. $\left(\frac{7}{5}\right) \times (-2) = -\frac{14}{5}$

Compute and simplify: $\left(\frac{7}{5}\right) \times (-2)$.

6. $\frac{5}{3}$

1. $\left(\frac{8}{3}\right) - (1) = \frac{5}{3}$

Compute and simplify: $\left(\frac{8}{3}\right) - (1)$.

7. -2

1. $\left(-\frac{9}{5}\right) + \left(-\frac{1}{5}\right) = -2$

Compute and simplify: $\left(-\frac{9}{5}\right) + \left(-\frac{1}{5}\right)$.

8. 3

1. $\left(\frac{9}{2}\right) - \left(\frac{3}{2}\right) = 3$

Compute and simplify: $\left(\frac{9}{2}\right) - \left(\frac{3}{2}\right)$.

9. $-\frac{7}{3}$

1. $(1) \times \left(-\frac{7}{3}\right) = -\frac{7}{3}$

Compute and simplify: $(1) \times \left(-\frac{7}{3}\right)$.

10. $-\frac{24}{5}$

1. $(-3) - \left(\frac{9}{5}\right) = -\frac{24}{5}$

Compute and simplify: $(-3) - \left(\frac{9}{5}\right)$.