

**Solve each problem.**

1)  $-\frac{2}{3} \times 15 \times \frac{1}{5} \times 6 \times 8$

2)  $10 \times -\frac{1}{3} \times 14 \times \frac{3}{7} \times 6$

3)  $5 \times \frac{2}{3} \times 21 \times -\frac{3}{7} \times 9$

4)  $\frac{2}{3} \times 7 \times 6$

5)  $\frac{2}{3} \times 7 \times 9$

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

7)  $\frac{2}{5} \times 6 \times 10$

8)  $\frac{5}{7} \times 6 \times \frac{1}{2} \times 21 \times 7$

9)  $9 \times \frac{4}{7} \times 15 \times \frac{3}{5} \times 21$

10)  $-\frac{2}{5} \times 6 \times -\frac{1}{2} \times 15 \times 10$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

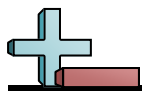
6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Solve each problem.

$$\begin{aligned} 1) \quad & -\frac{2}{3} \times 15 \times \frac{1}{5} \times 6 \times 8 \\ & (\frac{1}{5} \times 15) \times (-\frac{2}{3} \times 6) \times 8 \\ & 3 \times -4 \times 8 \end{aligned}$$

$$\begin{aligned} 2) \quad & 10 \times -\frac{1}{3} \times 14 \times \frac{3}{7} \times 6 \\ & 10 \times (\frac{3}{7} \times 14) \times (-\frac{1}{3} \times 6) \\ & 10 \times 6 \times -2 \end{aligned}$$

$$\begin{aligned} 3) \quad & 5 \times \frac{2}{3} \times 21 \times -\frac{3}{7} \times 9 \\ & 5 \times (-\frac{3}{7} \times 21) \times (\frac{2}{3} \times 9) \\ & 5 \times -9 \times 6 \end{aligned}$$

$$\begin{aligned} 4) \quad & \frac{2}{3} \times 7 \times 6 \\ & (\frac{2}{3} \times 6) \times 7 \\ & 4 \times 7 \end{aligned}$$

$$\begin{aligned} 5) \quad & \frac{2}{3} \times 7 \times 9 \\ & (\frac{2}{3} \times 9) \times 7 \\ & 6 \times 7 \end{aligned}$$

$$\begin{aligned} 6) \quad & \frac{1}{2} \times 7 \times 6 \\ & (\frac{1}{2} \times 6) \times 7 \\ & 3 \times 7 \end{aligned}$$

$$\begin{aligned} 7) \quad & \frac{2}{5} \times 6 \times 10 \\ & (\frac{2}{5} \times 10) \times 6 \\ & 4 \times 6 \end{aligned}$$

$$\begin{aligned} 8) \quad & \frac{5}{7} \times 6 \times \frac{1}{2} \times 21 \times 7 \\ & (\frac{1}{2} \times 6) \times (\frac{5}{7} \times 21) \times 7 \\ & 3 \times 15 \times 7 \end{aligned}$$

$$\begin{aligned} 9) \quad & 9 \times \frac{4}{7} \times 15 \times \frac{3}{5} \times 21 \\ & 9 \times (\frac{3}{5} \times 15) \times (\frac{4}{7} \times 21) \\ & 9 \times 9 \times 12 \end{aligned}$$

$$\begin{aligned} 10) \quad & -\frac{2}{5} \times 6 \times -\frac{1}{2} \times 15 \times 10 \\ & (-\frac{1}{2} \times 6) \times (-\frac{2}{5} \times 15) \times 10 \\ & -3 \times -6 \times 10 \end{aligned}$$

**Answers**

1. **-96**
2. **-120**
3. **-270**
4. **28**
5. **42**
6. **21**
7. **24**
8. **315**
9. **972**
10. **180**