



Solve each problem.

1)  $-\frac{1}{3} \times 4 \times \frac{1}{2} \times 9 \times 4$

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

3)  $9 \times \frac{2}{3} \times 10 \times -\frac{2}{5} \times 9$

4)  $\frac{3}{7} \times 4 \times -\frac{1}{2} \times 21 \times 3$

5)  $5 \times \frac{3}{5} \times 6 \times -\frac{2}{3} \times 10$

6)  $-\frac{1}{2} \times 21 \times \frac{6}{7} \times 4 \times 6$

7)  $\frac{2}{5} \times 4 \times 15$

8)  $\frac{1}{2} \times 6 \times \frac{1}{3} \times 4 \times 10$

9)  $5 \times -\frac{1}{2} \times 15 \times \frac{2}{5} \times 6$

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

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

$$\begin{aligned} 1) \quad & -\frac{1}{3} \times 4 \times \frac{1}{2} \times 9 \times 4 \\ & (\frac{1}{2} \times 4) \times (-\frac{1}{3} \times 9) \times 4 \\ & 2 \times -3 \times 4 \end{aligned}$$

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

$$\begin{aligned} 3) \quad & 9 \times \frac{2}{3} \times 10 \times -\frac{2}{5} \times 9 \\ & 9 \times (-\frac{2}{5} \times 10) \times (\frac{2}{3} \times 9) \\ & 9 \times -4 \times 6 \end{aligned}$$

$$\begin{aligned} 4) \quad & \frac{3}{7} \times 4 \times -\frac{1}{2} \times 21 \times 3 \\ & (-\frac{1}{2} \times 4) \times (\frac{3}{7} \times 21) \times 3 \\ & -2 \times 9 \times 3 \end{aligned}$$

$$\begin{aligned} 5) \quad & 5 \times \frac{3}{5} \times 6 \times -\frac{2}{3} \times 10 \\ & 5 \times (-\frac{2}{3} \times 6) \times (\frac{3}{5} \times 10) \\ & 5 \times -4 \times 6 \end{aligned}$$

$$\begin{aligned} 6) \quad & -\frac{1}{2} \times 21 \times \frac{6}{7} \times 4 \times 6 \\ & (\frac{6}{7} \times 21) \times (-\frac{1}{2} \times 4) \times 6 \\ & 18 \times -2 \times 6 \end{aligned}$$

$$\begin{aligned} 7) \quad & \frac{2}{5} \times 4 \times 15 \\ & (\frac{2}{5} \times 15) \times 4 \\ & 6 \times 4 \end{aligned}$$

$$\begin{aligned} 8) \quad & \frac{1}{2} \times 6 \times \frac{1}{3} \times 4 \times 10 \\ & (\frac{1}{3} \times 6) \times (\frac{1}{2} \times 4) \times 10 \\ & 2 \times 2 \times 10 \end{aligned}$$

$$\begin{aligned} 9) \quad & 5 \times -\frac{1}{2} \times 15 \times \frac{2}{5} \times 6 \\ & 5 \times (\frac{2}{5} \times 15) \times (-\frac{1}{2} \times 6) \\ & 5 \times 6 \times -3 \end{aligned}$$

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

**Answers**1. **-24**2. **28**3. **-216**4. **-54**5. **-120**6. **-216**7. **24**8. **40**9. **-90**10. **15**