



Solve each problem.

1)  $-\frac{1}{7} \times 15 \times \frac{2}{5} \times 21 \times 3$

2)  $10 \times \frac{2}{7} \times 10 \times \frac{3}{5} \times 14$

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

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

5)  $\frac{1}{3} \times 7 \times 9$

6)  $7 \times \frac{2}{3} \times 21 \times -\frac{4}{7} \times 6$

7)  $-\frac{4}{5} \times 6 \times -\frac{1}{3} \times 10 \times 7$

8)  $5 \times -\frac{1}{3} \times 14 \times -\frac{1}{7} \times 6$

9)  $\frac{4}{5} \times 7 \times 10$

10)  $\frac{6}{7} \times 10 \times 14$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

$$1) \quad -\frac{1}{7} \times 15 \times \frac{2}{5} \times 21 \times 3$$

$$\left(\frac{2}{5} \times 15\right) \times \left(-\frac{1}{7} \times 21\right) \times 3$$

$$6 \times -3 \times 3$$

$$2) \quad 10 \times \frac{2}{7} \times 10 \times \frac{3}{5} \times 14$$

$$10 \times \left(\frac{3}{5} \times 10\right) \times \left(\frac{2}{7} \times 14\right)$$

$$10 \times 6 \times 4$$

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

$$\left(\frac{1}{2} \times 4\right) \times 8$$

$$2 \times 8$$

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

$$10 \times \left(-\frac{1}{3} \times 6\right) \times \left(\frac{1}{2} \times 4\right)$$

$$10 \times -2 \times 2$$

$$5) \quad \frac{1}{3} \times 7 \times 9$$

$$\left(\frac{1}{3} \times 9\right) \times 7$$

$$3 \times 7$$

$$6) \quad 7 \times \frac{2}{3} \times 21 \times -\frac{4}{7} \times 6$$

$$7 \times \left(-\frac{4}{7} \times 21\right) \times \left(\frac{2}{3} \times 6\right)$$

$$7 \times -12 \times 4$$

$$7) \quad -\frac{4}{5} \times 6 \times -\frac{1}{3} \times 10 \times 7$$

$$\left(-\frac{1}{3} \times 6\right) \times \left(-\frac{4}{5} \times 10\right) \times 7$$

$$-2 \times -8 \times 7$$

$$8) \quad 5 \times -\frac{1}{3} \times 14 \times -\frac{1}{7} \times 6$$

$$5 \times \left(-\frac{1}{7} \times 14\right) \times \left(-\frac{1}{3} \times 6\right)$$

$$5 \times -2 \times -2$$

$$9) \quad \frac{4}{5} \times 7 \times 10$$

$$\left(\frac{4}{5} \times 10\right) \times 7$$

$$8 \times 7$$

$$10) \quad \frac{6}{7} \times 10 \times 14$$

$$\left(\frac{6}{7} \times 14\right) \times 10$$

$$12 \times 10$$

Answers

1.     **-54**    

2.     **240**    

3.     **16**    

4.     **-40**    

5.     **21**    

6.     **-336**    

7.     **112**    

8.     **20**    

9.     **56**    

10.     **120**