



Solve each problem.

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

2) $\frac{2}{7} \times 15 \times -\frac{2}{5} \times 14 \times 8$

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

4) $\frac{3}{5} \times 14 \times \frac{4}{7} \times 10 \times 4$

5) $\frac{1}{7} \times 10 \times 14$

6) $6 \times \frac{1}{5} \times 9 \times \frac{1}{3} \times 10$

7) $-\frac{5}{7} \times 9 \times -\frac{1}{3} \times 14 \times 2$

8) $9 \times \frac{1}{3} \times 21 \times \frac{1}{7} \times 6$

9) $5 \times -\frac{1}{2} \times 10 \times \frac{3}{5} \times 4$

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem.

$$1) \quad -\frac{3}{5} \times 9 \times \frac{2}{3} \times 10 \times 9$$

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

$$6 \times -6 \times 9$$

$$2) \quad \frac{2}{7} \times 15 \times -\frac{2}{5} \times 14 \times 8$$

$$\left(-\frac{2}{5} \times 15\right) \times \left(\frac{2}{7} \times 14\right) \times 8$$

$$-6 \times 4 \times 8$$

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

$$\left(\frac{1}{2} \times 6\right) \times 6$$

$$3 \times 6$$

$$4) \quad \frac{3}{5} \times 14 \times \frac{4}{7} \times 10 \times 4$$

$$\left(\frac{4}{7} \times 14\right) \times \left(\frac{3}{5} \times 10\right) \times 4$$

$$8 \times 6 \times 4$$

$$5) \quad \frac{1}{7} \times 10 \times 14$$

$$\left(\frac{1}{7} \times 14\right) \times 10$$

$$2 \times 10$$

$$6) \quad 6 \times \frac{1}{5} \times 9 \times \frac{1}{3} \times 10$$

$$6 \times \left(\frac{1}{3} \times 9\right) \times \left(\frac{1}{5} \times 10\right)$$

$$6 \times 3 \times 2$$

$$7) \quad -\frac{5}{7} \times 9 \times -\frac{1}{3} \times 14 \times 2$$

$$\left(-\frac{1}{3} \times 9\right) \times \left(-\frac{5}{7} \times 14\right) \times 2$$

$$-3 \times -10 \times 2$$

$$8) \quad 9 \times \frac{1}{3} \times 21 \times \frac{1}{7} \times 6$$

$$9 \times \left(\frac{1}{7} \times 21\right) \times \left(\frac{1}{3} \times 6\right)$$

$$9 \times 3 \times 2$$

$$9) \quad 5 \times -\frac{1}{2} \times 10 \times \frac{3}{5} \times 4$$

$$5 \times \left(\frac{3}{5} \times 10\right) \times \left(-\frac{1}{2} \times 4\right)$$

$$5 \times 6 \times -2$$

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

$$2 \times \left(-\frac{6}{7} \times 14\right) \times \left(-\frac{2}{3} \times 6\right)$$

$$2 \times -12 \times -4$$

Answers

1. **-324**

2. **-192**

3. **18**

4. **192**

5. **20**

6. **36**

7. **60**

8. **54**

9. **-60**

10. **96**