



Solve each problem.

1)  $\frac{4}{5} \times 4 \times 10$

2)  $8 \times -\frac{3}{7} \times 15 \times \frac{2}{5} \times 21$

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

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

5)  $4 \times -\frac{1}{7} \times 15 \times \frac{1}{5} \times 21$

6)  $\frac{4}{7} \times 4 \times \frac{1}{2} \times 21 \times 5$

7)  $-\frac{5}{7} \times 15 \times \frac{2}{5} \times 14 \times 6$

8)  $\frac{3}{5} \times 9 \times 10$

9)  $\frac{3}{5} \times 9 \times 15$

10)  $8 \times \frac{4}{7} \times 10 \times \frac{4}{5} \times 21$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

$$1) \frac{4}{5} \times 4 \times 10$$

$$(\frac{4}{5} \times 10) \times 4$$

$$8 \times 4$$

$$2) 8 \times -\frac{3}{7} \times 15 \times \frac{2}{5} \times 21$$

$$8 \times (\frac{2}{5} \times 15) \times (-\frac{3}{7} \times 21)$$

$$8 \times 6 \times -9$$

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

$$(\frac{1}{2} \times 4) \times 4$$

$$2 \times 4$$

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

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

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

$$5) 4 \times -\frac{1}{7} \times 15 \times \frac{1}{5} \times 21$$

$$4 \times (\frac{1}{5} \times 15) \times (-\frac{1}{7} \times 21)$$

$$4 \times 3 \times -3$$

$$6) \frac{4}{7} \times 4 \times \frac{1}{2} \times 21 \times 5$$

$$(\frac{1}{2} \times 4) \times (\frac{4}{7} \times 21) \times 5$$

$$2 \times 12 \times 5$$

$$7) -\frac{5}{7} \times 15 \times \frac{2}{5} \times 14 \times 6$$

$$(\frac{2}{5} \times 15) \times (-\frac{5}{7} \times 14) \times 6$$

$$6 \times -10 \times 6$$

$$8) \frac{3}{5} \times 9 \times 10$$

$$(\frac{3}{5} \times 10) \times 9$$

$$6 \times 9$$

$$9) \frac{3}{5} \times 9 \times 15$$

$$(\frac{3}{5} \times 15) \times 9$$

$$9 \times 9$$

$$10) 8 \times \frac{4}{7} \times 10 \times \frac{4}{5} \times 21$$

$$8 \times (\frac{4}{5} \times 10) \times (\frac{4}{7} \times 21)$$

$$8 \times 8 \times 12$$

Answers

1. 32

2. -432

3. 8

4. -18

5. -36

6. 120

7. -360

8. 54

9. 81

10. 768