



Solve each problem.

1)  $3 \times -\frac{2}{5} \times 14 \times \frac{3}{7} \times 10$

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

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

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

5)  $\frac{1}{2} \times 15 \times \frac{4}{5} \times 6 \times 3$

6)  $9 \times \frac{1}{2} \times 21 \times \frac{4}{7} \times 4$

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

8)  $4 \times -\frac{1}{2} \times 21 \times \frac{4}{7} \times 4$

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

10)  $\frac{2}{3} \times 9 \times 6$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

$$1) 3 \times -\frac{2}{5} \times 14 \times \frac{3}{7} \times 10$$

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

$$3 \times 6 \times -4$$

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

$$(\frac{3}{5} \times 10) \times 2$$

$$6 \times 2$$

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

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

$$2 \times 5$$

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

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

$$15 \times 8 \times 7$$

$$5) \frac{1}{2} \times 15 \times \frac{4}{5} \times 6 \times 3$$

$$(\frac{4}{5} \times 15) \times (\frac{1}{2} \times 6) \times 3$$

$$12 \times 3 \times 3$$

$$6) 9 \times \frac{1}{2} \times 21 \times \frac{4}{7} \times 4$$

$$9 \times (\frac{4}{7} \times 21) \times (\frac{1}{2} \times 4)$$

$$9 \times 12 \times 2$$

$$7) \frac{1}{2} \times 2 \times 4$$

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

$$2 \times 2$$

$$8) 4 \times -\frac{1}{2} \times 21 \times \frac{4}{7} \times 4$$

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

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

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

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

$$6 \times 7$$

$$10) \frac{2}{3} \times 9 \times 6$$

$$(\frac{2}{3} \times 6) \times 9$$

$$4 \times 9$$

Answers

1.       -72
2.       12
3.       10
4.      840
5.      108
6.      216
7.       4
8.      -96
9.       42
10.      36