



Solve each problem.

1)  $9 \times -\frac{4}{5} \times 21 \times \frac{4}{7} \times 15$

2)  $2 \times -\frac{2}{3} \times 6 \times -\frac{1}{2} \times 9$

3)  $\frac{1}{7} \times 9 \times -\frac{2}{3} \times 14 \times 10$

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

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

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

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

8)  $-\frac{2}{5} \times 6 \times \frac{1}{3} \times 10 \times 5$

9)  $\frac{1}{2} \times 14 \times \frac{1}{7} \times 4 \times 7$

10)  $9 \times -\frac{1}{2} \times 6 \times \frac{2}{3} \times 4$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

$$1) \quad 9 \times -\frac{4}{5} \times 21 \times \frac{4}{7} \times 15$$

$$9 \times (\frac{4}{7} \times 21) \times (-\frac{4}{5} \times 15)$$

$$9 \times 12 \times -12$$

$$2) \quad 2 \times -\frac{2}{3} \times 6 \times -\frac{1}{2} \times 9$$

$$2 \times (-\frac{1}{2} \times 6) \times (-\frac{2}{3} \times 9)$$

$$2 \times -3 \times -6$$

$$3) \quad \frac{1}{7} \times 9 \times -\frac{2}{3} \times 14 \times 10$$

$$(-\frac{2}{3} \times 9) \times (\frac{1}{7} \times 14) \times 10$$

$$-6 \times 2 \times 10$$

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

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

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

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

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

$$8 \times -6 \times 10$$

$$6) \quad \frac{3}{5} \times 9 \times 15$$

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

$$9 \times 9$$

$$7) \quad \frac{1}{2} \times 3 \times 6$$

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

$$3 \times 3$$

$$8) \quad -\frac{2}{5} \times 6 \times \frac{1}{3} \times 10 \times 5$$

$$(\frac{1}{3} \times 6) \times (-\frac{2}{5} \times 10) \times 5$$

$$2 \times -4 \times 5$$

$$9) \quad \frac{1}{2} \times 14 \times \frac{1}{7} \times 4 \times 7$$

$$(\frac{1}{7} \times 14) \times (\frac{1}{2} \times 4) \times 7$$

$$2 \times 2 \times 7$$

$$10) \quad 9 \times -\frac{1}{2} \times 6 \times \frac{2}{3} \times 4$$

$$9 \times (\frac{2}{3} \times 6) \times (-\frac{1}{2} \times 4)$$

$$9 \times 4 \times -2$$

Answers

1. -1296
2. 36
3. -120
4. 12
5. -480
6. 81
7. 9
8. -40
9. 28
10. -72