



Solve each problem.

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

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

3)  $4 \times \frac{1}{5} \times 21 \times -\frac{3}{7} \times 15$

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

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

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

7)  $5 \times -\frac{3}{5} \times 21 \times \frac{3}{7} \times 10$

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

9)  $\frac{1}{5} \times 5 \times 15$

10)  $-\frac{3}{5} \times 4 \times -\frac{1}{2} \times 15 \times 10$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

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

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

$4 \times -2 \times 3$

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

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

$9 \times -3 \times 2$

3)  $4 \times \frac{1}{5} \times 21 \times -\frac{3}{7} \times 15$

$4 \times (-\frac{3}{7} \times 21) \times (\frac{1}{5} \times 15)$

$4 \times -9 \times 3$

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

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

$-4 \times 6 \times 2$

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

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

$2 \times 6$

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

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

$-2 \times -18 \times 6$

7)  $5 \times -\frac{3}{5} \times 21 \times \frac{3}{7} \times 10$

$5 \times (\frac{3}{7} \times 21) \times (-\frac{3}{5} \times 10)$

$5 \times 9 \times -6$

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

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

$4 \times 6$

9)  $\frac{1}{5} \times 5 \times 15$

$(\frac{1}{5} \times 15) \times 5$

$3 \times 5$

10)  $-\frac{3}{5} \times 4 \times -\frac{1}{2} \times 15 \times 10$

$(-\frac{1}{2} \times 4) \times (-\frac{3}{5} \times 15) \times 10$

$-2 \times -9 \times 10$

Answers

1. -24

2. -54

3. -108

4. -48

5. 12

6. 216

7. -270

8. 24

9. 15

10. 180