



Solve each problem.

1)  $\frac{4}{5} \times 4 \times 15$

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

3)  $8 \times -\frac{1}{2} \times 14 \times -\frac{5}{7} \times 4$

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

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

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

7)  $2 \times \frac{2}{5} \times 21 \times \frac{3}{7} \times 10$

8)  $-\frac{3}{7} \times 6 \times -\frac{1}{3} \times 14 \times 3$

9)  $\frac{2}{7} \times 8 \times 21$

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

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

1)  $\frac{4}{5} \times 4 \times 15$

$(\frac{4}{5} \times 15) \times 4$

$12 \times 4$

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

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

$9 \times -6 \times 2$

3)  $8 \times -\frac{1}{2} \times 14 \times -\frac{5}{7} \times 4$

$8 \times (-\frac{5}{7} \times 14) \times (-\frac{1}{2} \times 4)$

$8 \times -10 \times -2$

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

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

$-2 \times -18 \times 9$

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

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

$3 \times -3 \times 2$

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

$(\frac{3}{7} \times 21) \times 8$

$9 \times 8$

7)  $2 \times \frac{2}{5} \times 21 \times \frac{3}{7} \times 10$

$2 \times (\frac{3}{7} \times 21) \times (\frac{2}{5} \times 10)$

$2 \times 9 \times 4$

8)  $-\frac{3}{7} \times 6 \times -\frac{1}{3} \times 14 \times 3$

$(-\frac{1}{3} \times 6) \times (-\frac{3}{7} \times 14) \times 3$

$-2 \times -6 \times 3$

9)  $\frac{2}{7} \times 8 \times 21$

$(\frac{2}{7} \times 21) \times 8$

$6 \times 8$

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

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

$2 \times 5$

Answers

1. 48

2. -108

3. 160

4. 324

5. -18

6. 72

7. 72

8. 36

9. 48

10. 10