



Solve each problem.

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

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

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

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

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

6)  $2 \times \frac{2}{7} \times 10 \times -\frac{2}{5} \times 14$

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

8)  $\frac{1}{5} \times 21 \times -\frac{5}{7} \times 10 \times 2$

9)  $8 \times \frac{6}{7} \times 4 \times \frac{1}{2} \times 21$

10)  $\frac{2}{7} \times 4 \times 21$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

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

$(\frac{3}{7} \times 14) \times (\frac{1}{2} \times 4) \times 7$

$6 \times 2 \times 7$

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

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

$6 \times 8$

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

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

$5 \times 2 \times -4$

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

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

$9 \times 5$

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

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

$-4 \times -2 \times 3$

6)  $2 \times \frac{2}{7} \times 10 \times -\frac{2}{5} \times 14$

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

$2 \times -4 \times 4$

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

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

$2 \times 6 \times 6$

8)  $\frac{1}{5} \times 21 \times -\frac{5}{7} \times 10 \times 2$

$(-\frac{5}{7} \times 21) \times (\frac{1}{5} \times 10) \times 2$

$-15 \times 2 \times 2$

9)  $8 \times \frac{6}{7} \times 4 \times \frac{1}{2} \times 21$

$8 \times (\frac{1}{2} \times 4) \times (\frac{6}{7} \times 21)$

$8 \times 2 \times 18$

10)  $\frac{2}{7} \times 4 \times 21$

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

$6 \times 4$

Answers

1. 84

2. 48

3. -40

4. 45

5. 24

6. -32

7. 72

8. -60

9. 288

10. 24