



Solve each problem.

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

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

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

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

5)  $9 \times -\frac{4}{7} \times 10 \times \frac{4}{5} \times 14$

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

7)  $\frac{3}{5} \times 21 \times -\frac{2}{7} \times 15 \times 5$

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

9)  $3 \times -\frac{4}{5} \times 21 \times -\frac{6}{7} \times 15$

10)  $2 \times -\frac{5}{7} \times 6 \times \frac{2}{3} \times 14$

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

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

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

$3 \times 12 \times 4$

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

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

$-4 \times -4 \times 6$

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

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

$2 \times 7$

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

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

$2 \times 2 \times 6$

5)  $9 \times -\frac{4}{7} \times 10 \times \frac{4}{5} \times 14$

$9 \times (\frac{4}{5} \times 10) \times (-\frac{4}{7} \times 14)$

$9 \times 8 \times -8$

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

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

$2 \times 8$

7)  $\frac{3}{5} \times 21 \times -\frac{2}{7} \times 15 \times 5$

$(-\frac{2}{7} \times 21) \times (\frac{3}{5} \times 15) \times 5$

$-6 \times 9 \times 5$

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

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

$3 \times 5$

9)  $3 \times -\frac{4}{5} \times 21 \times -\frac{6}{7} \times 15$

$3 \times (-\frac{6}{7} \times 21) \times (-\frac{4}{5} \times 15)$

$3 \times -18 \times -12$

10)  $2 \times -\frac{5}{7} \times 6 \times \frac{2}{3} \times 14$

$2 \times (\frac{2}{3} \times 6) \times (-\frac{5}{7} \times 14)$

$2 \times 4 \times -10$

Answers

1. 144

2. 96

3. 14

4. 24

5. -576

6. 16

7. -270

8. 15

9. 648

10. -80