



Solve each problem.

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

2)  $-\frac{1}{7} \times 10 \times \frac{3}{5} \times 14 \times 6$

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

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

5)  $9 \times \frac{1}{2} \times 15 \times -\frac{3}{5} \times 6$

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

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

8)  $6 \times -\frac{3}{7} \times 15 \times -\frac{4}{5} \times 21$

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

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

**Answers**

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

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

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

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

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

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

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

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

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

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



Solve each problem.

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

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

$3 \times 8$

2)  $-\frac{1}{7} \times 10 \times \frac{3}{5} \times 14 \times 6$

$(\frac{3}{5} \times 10) \times (-\frac{1}{7} \times 14) \times 6$

$6 \times -2 \times 6$

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

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

$-3 \times -3 \times 2$

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

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

$2 \times 9$

5)  $9 \times \frac{1}{2} \times 15 \times -\frac{3}{5} \times 6$

$9 \times (-\frac{3}{5} \times 15) \times (\frac{1}{2} \times 6)$

$9 \times -9 \times 3$

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

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

$9 \times -2 \times -2$

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

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

$12 \times -3 \times 6$

8)  $6 \times -\frac{3}{7} \times 15 \times -\frac{4}{5} \times 21$

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

$6 \times -12 \times -9$

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

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

$-9 \times 6 \times 7$

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

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

$4 \times -2 \times 5$

Answers

1. 24

2. -72

3. 18

4. 18

5. -243

6. 36

7. -216

8. 648

9. -378

10. -40