



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

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

2×6

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

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

4×6

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

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

3×5

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**