



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.

Answers

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

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

6×8

1. **84**

2. **48**

3. **-40**

4. **45**

5. **24**

6. **-32**

7. **72**

8. **-60**

9. **288**

10. **24**

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

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

9×5

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

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

6×4