



Solve each problem.

1) $\frac{1}{3} \times 7 \times 9 =$

2) $\frac{1}{5} \times 7 \times 10 =$

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

4) $5 \times \frac{3}{7} \times 15 \times \frac{2}{5} \times 14 =$

5) $8 \times \frac{3}{5} \times 14 \times \frac{1}{7} \times 10 =$

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

7) $\frac{1}{2} \times 15 \times \frac{3}{5} \times 6 \times 7 =$

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

9) $7 \times \frac{1}{2} \times 9 \times \frac{2}{3} \times 4 =$

10) $\frac{2}{5} \times 4 \times 10 =$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

1) $\frac{1}{3} \times 7 \times 9 =$

$(\frac{1}{3} \times 9) \times 7$
 3×7

2) $\frac{1}{5} \times 7 \times 10 =$

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

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

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

4) $5 \times \frac{3}{7} \times 15 \times -\frac{2}{5} \times 14 =$

$5 \times (-\frac{2}{5} \times 15) \times (\frac{3}{7} \times 14)$
 $5 \times -6 \times 6$

5) $8 \times \frac{3}{5} \times 14 \times \frac{1}{7} \times 10 =$

$8 \times (\frac{1}{7} \times 14) \times (\frac{3}{5} \times 10)$
 $8 \times 2 \times 6$

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

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

7) $-\frac{1}{2} \times 15 \times \frac{3}{5} \times 6 \times 7 =$

$(\frac{3}{5} \times 15) \times (-\frac{1}{2} \times 6) \times 7$
 $9 \times -3 \times 7$

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

$(-\frac{1}{2} \times 6) \times (\frac{6}{7} \times 21) \times 9$
 $-3 \times 18 \times 9$

9) $7 \times \frac{1}{2} \times 9 \times \frac{2}{3} \times 4 =$

$7 \times (\frac{2}{3} \times 9) \times (\frac{1}{2} \times 4)$
 $7 \times 6 \times 2$

10) $\frac{2}{5} \times 4 \times 10 =$

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

Answers

1. **21**
2. **14**
3. **54**
4. **-180**
5. **96**
6. **4**
7. **-189**
8. **-486**
9. **84**
10. **16**