



Solve each problem.

1) $\frac{2}{3} \times 21 \times \frac{3}{7} \times 9 \times 7$

2) $8 \times \frac{1}{2} \times 21 \times -\frac{5}{7} \times 6$

3) $\frac{1}{2} \times 15 \times \frac{2}{5} \times 4 \times 3$

4) $\frac{2}{5} \times 8 \times 10$

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

6) $6 \times -\frac{4}{5} \times 4 \times -\frac{1}{2} \times 15$

7) $-\frac{3}{5} \times 9 \times -\frac{2}{3} \times 10 \times 7$

8) $\frac{1}{3} \times 10 \times 6$

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

10) $9 \times \frac{3}{5} \times 6 \times \frac{1}{2} \times 15$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem.

1) $\frac{2}{3} \times 21 \times \frac{3}{7} \times 9 \times 7$

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

2) $8 \times \frac{1}{2} \times 21 \times -\frac{5}{7} \times 6$

$8 \times (-\frac{5}{7} \times 21) \times (\frac{1}{2} \times 6)$
 $8 \times -15 \times 3$

3) $\frac{1}{2} \times 15 \times \frac{2}{5} \times 4 \times 3$

$(\frac{2}{5} \times 15) \times (\frac{1}{2} \times 4) \times 3$
 $6 \times 2 \times 3$

4) $\frac{2}{5} \times 8 \times 10$

$(\frac{2}{5} \times 10) \times 8$
 4×8

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

$7 \times (\frac{3}{5} \times 10) \times (-\frac{2}{3} \times 6)$
 $7 \times 6 \times -4$

6) $6 \times -\frac{4}{5} \times 4 \times -\frac{1}{2} \times 15$

$6 \times (-\frac{1}{2} \times 4) \times (-\frac{4}{5} \times 15)$
 $6 \times -2 \times -12$

7) $-\frac{3}{5} \times 9 \times -\frac{2}{3} \times 10 \times 7$

$(-\frac{2}{3} \times 9) \times (-\frac{3}{5} \times 10) \times 7$
 $-6 \times -6 \times 7$

8) $\frac{1}{3} \times 10 \times 6$

$(\frac{1}{3} \times 6) \times 10$
 2×10

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

$(\frac{4}{7} \times 21) \times 7$
 12×7

10) $9 \times \frac{3}{5} \times 6 \times \frac{1}{2} \times 15$

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

Answers

1. 378

2. -360

3. 36

4. 32

5. -168

6. 144

7. 252

8. 20

9. 84

10. 243