



Solve each problem.

1) $2 \times -\frac{1}{3} \times 21 \times \frac{5}{7} \times 9$

2) $\frac{1}{5} \times 8 \times 15$

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

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

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

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

7) $9 \times \frac{2}{5} \times 14 \times \frac{2}{7} \times 10$

8) $7 \times \frac{4}{7} \times 6 \times -\frac{1}{2} \times 21$

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

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem.

$$1) \quad 2 \times -\frac{1}{3} \times 21 \times \frac{5}{7} \times 9$$

$$2 \times (\frac{5}{7} \times 21) \times (-\frac{1}{3} \times 9)$$

$$2 \times 15 \times -3$$

$$2) \quad \frac{1}{5} \times 8 \times 15$$

$$(\frac{1}{5} \times 15) \times 8$$

$$3 \times 8$$

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

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

$$15 \times 6 \times 2$$

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

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

$$-4 \times 2 \times 6$$

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

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

$$-4 \times 6 \times 3$$

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

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

$$2 \times -4 \times -6$$

$$7) \quad 9 \times \frac{2}{5} \times 14 \times \frac{2}{7} \times 10$$

$$9 \times (\frac{2}{7} \times 14) \times (\frac{2}{5} \times 10)$$

$$9 \times 4 \times 4$$

$$8) \quad 7 \times \frac{4}{7} \times 6 \times -\frac{1}{2} \times 21$$

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

$$7 \times -3 \times 12$$

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

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

$$2 \times 9$$

$$10) \quad \frac{1}{2} \times 8 \times 6$$

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

$$3 \times 8$$

Answers

1. -90
2. 24
3. 180
4. -48
5. -72
6. 48
7. 144
8. -252
9. 18
10. 24