



Solve each problem.

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

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

3) $5 \times \frac{3}{7} \times 6 \times \frac{1}{2} \times 21 =$

4) $9 \times \frac{1}{3} \times 10 \times \frac{1}{5} \times 6 =$

5) $7 \times \frac{2}{3} \times 14 \times \frac{6}{7} \times 9 =$

6) $\frac{1}{5} \times 6 \times 10 =$

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

8) $3 \times \frac{4}{7} \times 6 \times \frac{1}{2} \times 21 =$

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

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Solve each problem.

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

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

$$-12 \times 6 \times 2$$

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

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

$$3 \times 15 \times 6$$

$$3) 5 \times \frac{3}{7} \times 6 \times \frac{1}{2} \times 21 =$$

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

$$5 \times 3 \times 9$$

$$4) 9 \times \frac{1}{3} \times 10 \times \frac{1}{5} \times 6 =$$

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

$$9 \times -2 \times -2$$

$$5) 7 \times \frac{2}{3} \times 14 \times \frac{6}{7} \times 9 =$$

$$7 \times (\frac{6}{7} \times 14) \times (\frac{2}{3} \times 9)$$

$$7 \times -12 \times 6$$

$$6) \frac{1}{5} \times 6 \times 10 =$$

$$(\frac{1}{5} \times 10) \times 6$$

$$2 \times 6$$

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

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

$$3 \times 2$$

$$8) 3 \times \frac{4}{7} \times 6 \times \frac{1}{2} \times 21 =$$

$$3 \times (\frac{1}{2} \times 6) \times (\frac{4}{7} \times 21)$$

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

$$9) \frac{1}{2} \times 4 \times 6 =$$

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

$$3 \times 4$$

$$10) \frac{4}{5} \times 4 \times \frac{1}{2} \times 15 \times 4 =$$

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

$$-2 \times -12 \times 4$$

Answers

1. **-144**
2. **270**
3. **135**
4. **36**
5. **-504**
6. **12**
7. **6**
8. **-108**
9. **12**
10. **96**