



Solve each problem.

1)  $\frac{2}{3} \times 8 \times 6$

2)  $\frac{2}{3} \times 6 \times \frac{1}{2} \times 9 \times 8$

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

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

5)  $\frac{1}{3} \times 6 \times 6$

6)  $\frac{1}{3} \times 6 \times -\frac{1}{2} \times 9 \times 2$

7)  $8 \times \frac{2}{7} \times 9 \times \frac{1}{3} \times 14$

8)  $8 \times -\frac{6}{7} \times 15 \times -\frac{4}{5} \times 14$

9)  $3 \times -\frac{3}{5} \times 4 \times -\frac{1}{2} \times 15$

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

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Solve each problem.

1)  $\frac{2}{3} \times 8 \times 6$

$(\frac{2}{3} \times 6) \times 8$

$4 \times 8$

2)  $\frac{2}{3} \times 6 \times \frac{1}{2} \times 9 \times 8$

$(\frac{1}{2} \times 6) \times (\frac{2}{3} \times 9) \times 8$

$3 \times 6 \times 8$

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

$(\frac{1}{3} \times 6) \times (-\frac{2}{5} \times 10) \times 5$

$2 \times -4 \times 5$

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

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

$9 \times 6$

5)  $\frac{1}{3} \times 6 \times 6$

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

$2 \times 6$

6)  $\frac{1}{3} \times 6 \times -\frac{1}{2} \times 9 \times 2$

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

$-3 \times 3 \times 2$

7)  $8 \times \frac{2}{7} \times 9 \times \frac{1}{3} \times 14$

$8 \times (\frac{1}{3} \times 9) \times (\frac{2}{7} \times 14)$

$8 \times 3 \times 4$

8)  $8 \times -\frac{6}{7} \times 15 \times -\frac{4}{5} \times 14$

$8 \times (-\frac{4}{5} \times 15) \times (-\frac{6}{7} \times 14)$

$8 \times -12 \times -12$

9)  $3 \times -\frac{3}{5} \times 4 \times -\frac{1}{2} \times 15$

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

$3 \times -2 \times -9$

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

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

$4 \times -2 \times 12$

Answers

1. 32

2. 144

3. -40

4. 54

5. 12

6. -18

7. 96

8. 1152

9. 54

10. -96