



Rewrite each expression in its simplest form.

1) $(\frac{30}{45}G + 20) - (\frac{8}{9}G + 7)$

2) $(\frac{2}{3}Z - 3) - (\frac{1}{3}Z + 18)$

3) $(\frac{5}{6}Y - 14) - (\frac{15}{30}Y - 10)$

4) $-(\frac{12}{18}C + 18) + (\frac{7}{9}C + 19)$

5) $-(\frac{5}{25}V - 18) + (\frac{2}{5}V + 10)$

6) $-(\frac{3}{4}T - 4) - (\frac{3}{12}T + 6)$

7) $-(\frac{1}{3}E - 11) - (\frac{2}{3}E - 19)$

8) $-(\frac{3}{8}W + 13) - (\frac{2}{8}W - 8)$

9) $(\frac{6}{9}N - 8) - (\frac{4}{36}N - 6)$

10) $(\frac{4}{8}Q - 8) - (\frac{1}{4}Q + 8)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{30}{45}G + 20 \right) - \left(\frac{8}{9}G + 7 \right)$$

$$\frac{30}{45}G + 20 - \frac{40}{45}G - 7$$

$$2) \left(\frac{2}{3}Z - 3 \right) - \left(\frac{1}{3}Z + 18 \right)$$

$$\frac{2}{3}Z - 3 - \frac{1}{3}Z - 18$$

$$3) \left(\frac{5}{6}Y - 14 \right) - \left(\frac{15}{30}Y - 10 \right)$$

$$\frac{25}{30}Y - 14 - \frac{15}{30}Y + 10$$

$$4) -\left(\frac{12}{18}C + 18 \right) + \left(\frac{7}{9}C + 19 \right)$$

$$-\frac{12}{18}C - 18 + \frac{14}{18}C + 19$$

$$5) -\left(\frac{5}{25}V - 18 \right) + \left(\frac{2}{5}V + 10 \right)$$

$$-\frac{5}{25}V + 18 + \frac{10}{25}V + 10$$

$$6) -\left(\frac{3}{4}T - 4 \right) - \left(\frac{3}{12}T + 6 \right)$$

$$-\frac{9}{12}T + 4 - \frac{3}{12}T - 6$$

$$7) -\left(\frac{1}{3}E - 11 \right) - \left(\frac{2}{3}E - 19 \right)$$

$$-\frac{1}{3}E + 11 - \frac{2}{3}E + 19$$

$$8) -\left(-\frac{3}{8}W + 13 \right) - \left(\frac{2}{8}W - 8 \right)$$

$$\frac{3}{8}W - 13 - \frac{2}{8}W + 8$$

$$9) \left(\frac{6}{9}N - 8 \right) - \left(\frac{4}{36}N - 6 \right)$$

$$\frac{24}{36}N - 8 - \frac{4}{36}N + 6$$

$$10) \left(\frac{4}{8}Q - 8 \right) - \left(\frac{1}{4}Q + 8 \right)$$

$$\frac{4}{8}Q - 8 - \frac{2}{8}Q - 8$$

Answers

1. $-\frac{10}{45}G + 13$

2. $\frac{1}{3}Z - 21$

3. $\frac{10}{30}Y - 4$

4. $\frac{2}{18}C + 1$

5. $\frac{5}{25}V - 8$

6. $-\frac{12}{12}T - 2$

7. $-\frac{3}{3}E + 30$

8. $\frac{1}{8}W - 5$

9. $\frac{20}{36}N - 2$

10. $\frac{2}{8}Q - 16$