



Rewrite each expression in its simplest form.

1) $(\frac{3}{10}R + 10) - (\frac{4}{10}R + 14)$

2) $(\frac{1}{6}G - 17) - (\frac{9}{18}G + 10)$

3) $(\frac{10}{15}W - 8) - (\frac{1}{3}W - 14)$

4) $-(\frac{2}{6}C + 20) + (\frac{2}{3}C + 20)$

5) $-(\frac{7}{10}N - 16) + (\frac{5}{10}N + 4)$

6) $-(\frac{30}{50}E - 17) - (\frac{8}{10}E + 6)$

7) $-(\frac{6}{10}T - 4) - (\frac{4}{5}T - 11)$

8) $-(\frac{8}{9}K + 11) - (\frac{8}{36}K - 10)$

9) $(\frac{20}{24}Y - 4) - (\frac{2}{6}Y - 16)$

10) $-(\frac{15}{35}D - 15) - (\frac{6}{7}D + 5)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{3}{10}R + 10 \right) - \left(\frac{4}{10}R + 14 \right)$$

$$\frac{3}{10}R + 10 - \frac{4}{10}R - 14$$

$$2) \left(\frac{1}{6}G - 17 \right) - \left(\frac{9}{18}G + 10 \right)$$

$$\frac{3}{18}G - 17 - \frac{9}{18}G - 10$$

$$3) \left(\frac{10}{15}W - 8 \right) - \left(\frac{1}{3}W - 14 \right)$$

$$\frac{10}{15}W - 8 - \frac{5}{15}W + 14$$

$$4) -\left(\frac{2}{6}C + 20 \right) + \left(\frac{2}{3}C + 20 \right)$$

$$-\frac{2}{6}C - 20 + \frac{4}{6}C + 20$$

$$5) -\left(\frac{7}{10}N - 16 \right) + \left(\frac{5}{10}N + 4 \right)$$

$$-\frac{7}{10}N + 16 + \frac{5}{10}N + 4$$

$$6) -\left(\frac{30}{50}E - 17 \right) - \left(\frac{8}{10}E + 6 \right)$$

$$-\frac{30}{50}E + 17 - \frac{40}{50}E - 6$$

$$7) -\left(\frac{6}{10}T - 4 \right) - \left(\frac{4}{5}T - 11 \right)$$

$$-\frac{6}{10}T + 4 - \frac{8}{10}T + 11$$

$$8) -\left(-\frac{8}{9}K + 11 \right) - \left(\frac{8}{36}K - 10 \right)$$

$$\frac{32}{36}K - 11 - \frac{8}{36}K + 10$$

$$9) \left(\frac{20}{24}Y - 4 \right) - \left(\frac{2}{6}Y - 16 \right)$$

$$\frac{20}{24}Y - 4 - \frac{8}{24}Y + 16$$

$$10) -\left(\frac{15}{35}D - 15 \right) - \left(\frac{6}{7}D + 5 \right)$$

$$-\frac{15}{35}D + 15 - \frac{30}{35}D - 5$$

Answers

1.
$$\frac{-1}{10}R - 4$$

2.
$$\frac{-6}{18}G - 27$$

3.
$$\frac{5}{15}W + 6$$

4.
$$\frac{2}{6}C + 0$$

5.
$$\frac{-2}{10}N - 12$$

6.
$$\frac{-70}{50}E + 11$$

7.
$$\frac{-14}{10}T + 15$$

8.
$$\frac{24}{36}K - 1$$

9.
$$\frac{12}{24}Y + 12$$

10.
$$\frac{-45}{35}D + 10$$