



Rewrite each expression in its simplest form.

Answers

1) $(\frac{10}{20}R + 13) - (\frac{3}{4}R + 15)$

1. _____

2) $(\frac{5}{7}V - 14) - (\frac{4}{7}V + 8)$

2. _____

3) $(\frac{5}{9}Q - 5) - (\frac{3}{9}Q - 13)$

3. _____

4) $-(\frac{3}{5}W + 2) + (\frac{4}{5}W + 12)$

4. _____

5) $-(\frac{7}{9}Y - 3) + (\frac{15}{27}Y + 20)$

5. _____

6) $-(\frac{2}{3}E - 17) - (\frac{5}{15}E + 10)$

6. _____

7) $-(\frac{1}{3}B - 2) - (\frac{10}{15}B - 4)$

7. _____

8) $-(\frac{5}{10}D + 13) - (\frac{36}{40}D - 10)$

8. _____

9) $-(\frac{8}{10}G - 5) - (\frac{3}{10}G + 12)$

9. _____

10) $(\frac{3}{7}C - 12) - (\frac{12}{21}C - 4)$

10. _____



Rewrite each expression in its simplest form.

Answers

1) $(\frac{10}{20}R + 13) - (\frac{3}{4}R + 15)$

$$\frac{10}{20}R + 13 - \frac{15}{20}R - 15$$

1. $-\frac{5}{20}R - 2$

2) $(\frac{5}{7}V - 14) - (\frac{4}{7}V + 8)$

$$\frac{5}{7}V - 14 - \frac{4}{7}V - 8$$

2. $\frac{1}{7}V - 22$

3) $(\frac{5}{9}Q - 5) - (\frac{3}{9}Q - 13)$

$$\frac{5}{9}Q - 5 - \frac{3}{9}Q + 13$$

3. $\frac{2}{9}Q + 8$

4) $-(\frac{3}{5}W + 2) + (\frac{4}{5}W + 12)$

$$-\frac{3}{5}W - 2 + \frac{4}{5}W + 12$$

4. $\frac{1}{5}W + 10$

5) $-(\frac{7}{9}Y - 3) + (\frac{15}{27}Y + 20)$

$$-\frac{21}{27}Y + 3 + \frac{15}{27}Y + 20$$

5. $-\frac{6}{27}Y + 17$

6) $-(\frac{2}{3}E - 17) - (\frac{5}{15}E + 10)$

$$-\frac{10}{15}E + 17 - \frac{5}{15}E - 10$$

6. $-\frac{15}{15}E + 7$

7) $-(\frac{1}{3}B - 2) - (\frac{10}{15}B - 4)$

$$-\frac{5}{15}B + 2 - \frac{10}{15}B + 4$$

7. $-\frac{15}{15}B + 6$

8) $-(\frac{5}{10}D + 13) - (\frac{36}{40}D - 10)$

$$\frac{20}{40}D - 13 - \frac{36}{40}D + 10$$

8. $-\frac{16}{40}D - 3$

9) $-(\frac{8}{10}G - 5) - (\frac{3}{10}G + 12)$

$$-\frac{8}{10}G + 5 - \frac{3}{10}G - 12$$

9. $-\frac{11}{10}G - 7$

10) $(\frac{3}{7}C - 12) - (\frac{12}{21}C - 4)$

$$\frac{9}{21}C - 12 - \frac{12}{21}C + 4$$

10. $-\frac{3}{21}C - 8$