



Rewrite each expression in its simplest form.

1) $(\frac{5}{9}D + 14) - (\frac{12}{18}D + 16)$

2) $(\frac{15}{35}C - 19) - (\frac{1}{7}C + 3)$

3) $(\frac{3}{4}X - 7) - (\frac{8}{16}X - 13)$

4) $-(\frac{1}{6}W + 13) + (\frac{15}{18}W + 2)$

5) $-(\frac{8}{40}V - 4) + (\frac{1}{10}V + 11)$

6) $-(\frac{12}{14}M - 14) - (\frac{3}{7}M + 19)$

7) $-(\frac{2}{3}E - 19) - (\frac{2}{6}E - 11)$

8) $-(\frac{1}{3}B + 11) - (\frac{2}{3}B - 20)$

9) $-(\frac{8}{10}Q - 19) + (\frac{3}{5}Q + 17)$

10) $(\frac{2}{9}Y - 9) - (\frac{7}{9}Y - 11)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{5}{9}D + 14 \right) - \left(\frac{12}{18}D + 16 \right)$$

$$\frac{10}{18}D + 14 - \frac{12}{18}D - 16$$

$$2) \left(\frac{15}{35}C - 19 \right) - \left(\frac{1}{7}C + 3 \right)$$

$$\frac{15}{35}C - 19 - \frac{5}{35}C - 3$$

$$3) \left(\frac{3}{4}X - 7 \right) - \left(\frac{8}{16}X - 13 \right)$$

$$\frac{12}{16}X - 7 - \frac{8}{16}X + 13$$

$$4) -\left(\frac{1}{6}W + 13 \right) + \left(\frac{15}{18}W + 2 \right)$$

$$-\frac{3}{18}W - 13 + \frac{15}{18}W + 2$$

$$5) -\left(\frac{8}{40}V - 4 \right) + \left(\frac{1}{10}V + 11 \right)$$

$$-\frac{8}{40}V + 4 + \frac{4}{40}V + 11$$

$$6) -\left(\frac{12}{14}M - 14 \right) - \left(\frac{3}{7}M + 19 \right)$$

$$-\frac{12}{14}M + 14 - \frac{6}{14}M - 19$$

$$7) -\left(\frac{2}{3}E - 19 \right) - \left(\frac{2}{6}E - 11 \right)$$

$$-\frac{4}{6}E + 19 - \frac{2}{6}E + 11$$

$$8) -\left(-\frac{1}{3}B + 11 \right) - \left(\frac{2}{3}B - 20 \right)$$

$$\frac{1}{3}B - 11 - \frac{2}{3}B + 20$$

$$9) -\left(\frac{8}{10}Q - 19 \right) + \left(\frac{3}{5}Q + 17 \right)$$

$$-\frac{8}{10}Q + 19 + \frac{6}{10}Q + 17$$

$$10) \left(\frac{2}{9}Y - 9 \right) - \left(\frac{7}{9}Y - 11 \right)$$

$$\frac{2}{9}Y - 9 - \frac{7}{9}Y + 11$$

Answers

1. $-\frac{2}{18}D - 2$

2. $\frac{10}{35}C - 22$

3. $\frac{4}{16}X + 6$

4. $\frac{12}{18}W - 11$

5. $-\frac{4}{40}V + 7$

6. $-\frac{18}{14}M - 5$

7. $-\frac{6}{6}E + 30$

8. $-\frac{1}{3}B + 9$

9. $-\frac{2}{10}Q - 2$

10. $-\frac{5}{9}Y + 2$