



Rewrite each expression in its simplest form.

1) $(\frac{4}{10}D + 17) - (\frac{8}{10}D + 8)$

2) $(\frac{2}{10}X - 14) - (\frac{9}{30}X + 4)$

3) $(\frac{2}{7}B - 3) - (\frac{6}{7}B - 18)$

4) $-(\frac{12}{36}E + 17) + (\frac{6}{9}E + 4)$

5) $-(\frac{10}{30}W - 17) + (\frac{1}{6}W + 19)$

6) $-(\frac{1}{5}K - 13) - (\frac{8}{20}K + 6)$

7) $-(\frac{12}{32}Z - 7) - (\frac{4}{8}Z - 3)$

8) $-(-\frac{1}{4}R + 12) - (\frac{9}{12}R - 5)$

9) $-(-\frac{2}{6}C + 5) - (\frac{5}{6}C - 8)$

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{4}{10}D + 17 \right) - \left(\frac{8}{10}D + 8 \right)$$

$$\frac{4}{10}D + 17 - \frac{8}{10}D - 8$$

$$2) \left(\frac{2}{10}X - 14 \right) - \left(\frac{9}{30}X + 4 \right)$$

$$\frac{6}{30}X - 14 - \frac{9}{30}X - 4$$

$$3) \left(\frac{2}{7}B - 3 \right) - \left(\frac{6}{7}B - 18 \right)$$

$$\frac{2}{7}B - 3 - \frac{6}{7}B + 18$$

$$4) -\left(\frac{12}{36}E + 17 \right) + \left(\frac{6}{9}E + 4 \right)$$

$$-\frac{12}{36}E - 17 + \frac{24}{36}E + 4$$

$$5) -\left(\frac{10}{30}W - 17 \right) + \left(\frac{1}{6}W + 19 \right)$$

$$-\frac{10}{30}W + 17 + \frac{5}{30}W + 19$$

$$6) -\left(\frac{1}{5}K - 13 \right) - \left(\frac{8}{20}K + 6 \right)$$

$$-\frac{4}{20}K + 13 - \frac{8}{20}K - 6$$

$$7) -\left(\frac{12}{32}Z - 7 \right) - \left(\frac{4}{8}Z - 3 \right)$$

$$-\frac{12}{32}Z + 7 - \frac{16}{32}Z + 3$$

$$8) -\left(-\frac{1}{4}R + 12 \right) - \left(\frac{9}{12}R - 5 \right)$$

$$\frac{3}{12}R - 12 - \frac{9}{12}R + 5$$

$$9) -\left(-\frac{2}{6}C + 5 \right) - \left(\frac{5}{6}C - 8 \right)$$

$$\frac{2}{6}C - 5 - \frac{5}{6}C + 8$$

$$10) -\left(-\frac{2}{4}M + 20 \right) - \left(\frac{3}{4}M - 6 \right)$$

$$\frac{2}{4}M - 20 - \frac{3}{4}M + 6$$

Answers

1. $-\frac{4}{10}D+9$

2. $-\frac{3}{30}X-18$

3. $-\frac{4}{7}B+15$

4. $\frac{12}{36}E-13$

5. $-\frac{5}{30}W+2$

6. $-\frac{12}{20}K+7$

7. $-\frac{28}{32}Z+10$

8. $-\frac{6}{12}R-7$

9. $-\frac{3}{6}C+3$

10. $-\frac{1}{4}M-14$