



Rewrite each expression in its simplest form.

1) $(\frac{4}{14}N + 2) - (\frac{3}{7}N + 18)$

2) $(\frac{35}{50}M - 15) - (\frac{8}{10}M + 10)$

3) $(\frac{1}{3}Y - 19) - (\frac{6}{9}Y - 16)$

4) $-(\frac{1}{4}C + 4) + (\frac{3}{4}C + 4)$

5) $-(\frac{4}{10}B - 10) + (\frac{1}{5}B + 17)$

6) $-(\frac{2}{6}Z - 14) - (\frac{4}{24}Z + 5)$

7) $-(\frac{5}{45}V - 5) - (\frac{8}{9}V - 16)$

8) $-(\frac{8}{12}P + 2) - (\frac{2}{6}P - 11)$

9) $(\frac{25}{40}W + 19) + (\frac{7}{8}W + 20)$

10) $(\frac{4}{12}R - 4) - (\frac{2}{3}R - 8)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{4}{14}N + 2 \right) - \left(\frac{3}{7}N + 18 \right)$$

$$\frac{4}{14}N + 2 - \frac{6}{14}N - 18$$

$$2) \left(\frac{35}{50}M - 15 \right) - \left(\frac{8}{10}M + 10 \right)$$

$$\frac{35}{50}M - 15 - \frac{40}{50}M - 10$$

$$3) \left(\frac{1}{3}Y - 19 \right) - \left(\frac{6}{9}Y - 16 \right)$$

$$\frac{3}{9}Y - 19 - \frac{6}{9}Y + 16$$

$$4) -\left(\frac{1}{4}C + 4 \right) + \left(\frac{3}{4}C + 4 \right)$$

$$-\frac{1}{4}C - 4 + \frac{3}{4}C + 4$$

$$5) -\left(\frac{4}{10}B - 10 \right) + \left(\frac{1}{5}B + 17 \right)$$

$$-\frac{4}{10}B + 10 + \frac{2}{10}B + 17$$

$$6) -\left(\frac{2}{6}Z - 14 \right) - \left(\frac{4}{24}Z + 5 \right)$$

$$-\frac{8}{24}Z + 14 - \frac{4}{24}Z - 5$$

$$7) -\left(\frac{5}{45}V - 5 \right) - \left(\frac{8}{9}V - 16 \right)$$

$$-\frac{5}{45}V + 5 - \frac{40}{45}V + 16$$

$$8) -\left(-\frac{8}{12}P + 2 \right) - \left(\frac{2}{6}P - 11 \right)$$

$$\frac{8}{12}P - 2 - \frac{4}{12}P + 11$$

$$9) \left(\frac{25}{40}W + 19 \right) + \left(\frac{7}{8}W + 20 \right)$$

$$\frac{25}{40}W + 19 + \frac{35}{40}W + 20$$

$$10) \left(\frac{4}{12}R - 4 \right) - \left(\frac{2}{3}R - 8 \right)$$

$$\frac{4}{12}R - 4 - \frac{8}{12}R + 8$$

Answers

1. $\frac{-2}{14}N - 16$

2. $\frac{-5}{50}M - 25$

3. $\frac{-3}{9}Y - 3$

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

5. $\frac{-2}{10}B + 7$

6. $\frac{-12}{24}Z + 9$

7. $\frac{-45}{45}V + 21$

8. $\frac{4}{12}P + 9$

9. $\frac{60}{40}W + 39$

10. $\frac{-4}{12}R + 4$