



Rewrite each expression in its simplest form.

1) $(\frac{1}{4}A + 18) - (\frac{8}{16}A + 6)$

2) $(\frac{3}{6}N - 17) - (\frac{8}{24}N + 9)$

3) $(\frac{8}{12}H - 20) - (\frac{1}{3}H - 13)$

4) $-(\frac{8}{9}Q + 4) + (\frac{7}{9}Q + 11)$

5) $-(\frac{2}{6}M - 20) + (\frac{16}{24}M + 18)$

6) $-(\frac{6}{18}B - 6) - (\frac{6}{9}B + 11)$

7) $-(\frac{3}{6}E - 16) - (\frac{16}{24}E - 4)$

8) $-(\frac{2}{5}F + 6) - (\frac{16}{20}F - 11)$

9) $(\frac{3}{9}R + 9) - (\frac{2}{3}R + 4)$

10) $-(\frac{2}{10}Z - 3) + (\frac{2}{5}Z + 11)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{1}{4}A + 18 \right) - \left(\frac{8}{16}A + 6 \right)$$

$$\frac{4}{16}A + 18 - \frac{8}{16}A - 6$$

$$2) \left(\frac{3}{6}N - 17 \right) - \left(\frac{8}{24}N + 9 \right)$$

$$\frac{12}{24}N - 17 - \frac{8}{24}N - 9$$

$$3) \left(\frac{8}{12}H - 20 \right) - \left(\frac{1}{3}H - 13 \right)$$

$$\frac{8}{12}H - 20 - \frac{4}{12}H + 13$$

$$4) -\left(\frac{8}{9}Q + 4 \right) + \left(\frac{7}{9}Q + 11 \right)$$

$$-\frac{8}{9}Q - 4 + \frac{7}{9}Q + 11$$

$$5) -\left(\frac{2}{6}M - 20 \right) + \left(\frac{16}{24}M + 18 \right)$$

$$-\frac{8}{24}M + 20 + \frac{16}{24}M + 18$$

$$6) -\left(\frac{6}{18}B - 6 \right) - \left(\frac{6}{9}B + 11 \right)$$

$$-\frac{6}{18}B + 6 - \frac{12}{18}B - 11$$

$$7) -\left(\frac{3}{6}E - 16 \right) - \left(\frac{16}{24}E - 4 \right)$$

$$-\frac{12}{24}E + 16 - \frac{16}{24}E + 4$$

$$8) -\left(-\frac{2}{5}F + 6 \right) - \left(\frac{16}{20}F - 11 \right)$$

$$\frac{8}{20}F - 6 - \frac{16}{20}F + 11$$

$$9) \left(\frac{3}{9}R + 9 \right) - \left(\frac{2}{3}R + 4 \right)$$

$$\frac{3}{9}R + 9 - \frac{6}{9}R - 4$$

$$10) -\left(\frac{2}{10}Z - 3 \right) + \left(\frac{2}{5}Z + 11 \right)$$

$$-\frac{2}{10}Z + 3 + \frac{4}{10}Z + 11$$

Answers

1. $-\frac{4}{16}A + 12$

2. $\frac{4}{24}N - 26$

3. $\frac{4}{12}H - 7$

4. $-\frac{1}{9}Q + 7$

5. $\frac{8}{24}M - 2$

6. $-\frac{18}{18}B - 5$

7. $-\frac{28}{24}E + 20$

8. $-\frac{8}{20}F + 5$

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

10. $\frac{2}{10}Z + 8$