



Rewrite each expression in its simplest form.

Answers

1) $(\frac{12}{16}H + 19) - (\frac{1}{4}H + 12)$

1. _____

2) $(\frac{1}{4}X - 12) - (\frac{2}{4}X + 18)$

2. _____

3) $(\frac{1}{4}N - 18) - (\frac{9}{12}N - 20)$

3. _____

4) $-(\frac{4}{6}C + 7) + (\frac{1}{3}C + 16)$

4. _____

5) $-(\frac{5}{40}Q - 18) + (\frac{2}{8}Q + 3)$

5. _____

6) $-(\frac{3}{21}P - 8) - (\frac{6}{7}P + 4)$

6. _____

7) $-(\frac{4}{5}D - 18) - (\frac{2}{5}D - 18)$

7. _____

8) $-(\frac{2}{4}M + 11) - (\frac{6}{8}M - 19)$

8. _____

9) $-(\frac{20}{25}T + 18) + (\frac{3}{5}T + 13)$

9. _____

10) $-(\frac{6}{8}A - 2) + (\frac{8}{16}A + 7)$

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{12}{16}H + 19 \right) - \left(\frac{1}{4}H + 12 \right)$$

$$\frac{12}{16}H + 19 - \frac{4}{16}H - 12$$

$$2) \left(\frac{1}{4}X - 12 \right) - \left(\frac{2}{4}X + 18 \right)$$

$$\frac{1}{4}X - 12 - \frac{2}{4}X - 18$$

$$3) \left(\frac{1}{4}N - 18 \right) - \left(\frac{9}{12}N - 20 \right)$$

$$\frac{3}{12}N - 18 - \frac{9}{12}N + 20$$

$$4) -\left(\frac{4}{6}C + 7 \right) + \left(\frac{1}{3}C + 16 \right)$$

$$-\frac{4}{6}C - 7 + \frac{2}{6}C + 16$$

$$5) -\left(\frac{5}{40}Q - 18 \right) + \left(\frac{2}{8}Q + 3 \right)$$

$$-\frac{5}{40}Q + 18 + \frac{10}{40}Q + 3$$

$$6) -\left(\frac{3}{21}P - 8 \right) - \left(\frac{6}{7}P + 4 \right)$$

$$-\frac{3}{21}P + 8 - \frac{18}{21}P - 4$$

$$7) -\left(\frac{4}{5}D - 18 \right) - \left(\frac{2}{5}D - 18 \right)$$

$$-\frac{4}{5}D + 18 - \frac{2}{5}D + 18$$

$$8) -\left(-\frac{2}{4}M + 11 \right) - \left(\frac{6}{8}M - 19 \right)$$

$$\frac{4}{8}M - 11 - \frac{6}{8}M + 19$$

$$9) -\left(\frac{20}{25}T + 18 \right) + \left(\frac{3}{5}T + 13 \right)$$

$$-\frac{20}{25}T - 18 + \frac{15}{25}T + 13$$

$$10) -\left(\frac{6}{8}A - 2 \right) + \left(\frac{8}{16}A + 7 \right)$$

$$-\frac{12}{16}A + 2 + \frac{8}{16}A + 7$$

Answers

1. $\frac{8}{16}H + 7$

2. $-\frac{1}{4}X - 30$

3. $-\frac{6}{12}N + 2$

4. $-\frac{2}{6}C + 9$

5. $\frac{5}{40}Q - 15$

6. $-\frac{21}{21}P + 4$

7. $-\frac{6}{5}D + 36$

8. $-\frac{2}{8}M + 8$

9. $-\frac{5}{25}T - 5$

10. $-\frac{4}{16}A + 5$