



Rewrite each expression in its simplest form.

1) $(\frac{1}{3}T + 15) - (\frac{2}{3}T + 16)$

2) $(\frac{35}{40}N - 12) - (\frac{4}{8}N + 20)$

3) $(\frac{15}{25}R - 5) - (\frac{4}{5}R - 2)$

4) $-(\frac{3}{9}Y + 12) + (\frac{2}{9}Y + 12)$

5) $-(\frac{1}{3}E - 10) + (\frac{10}{15}E + 3)$

6) $-(\frac{1}{3}X - 6) - (\frac{2}{3}X + 8)$

7) $-(\frac{20}{30}P - 19) - (\frac{3}{6}P - 14)$

8) $-(\frac{4}{10}H + 15) - (\frac{15}{30}H - 4)$

9) $-(\frac{5}{6}G - 10) - (\frac{4}{6}G - 10)$

10) $(\frac{3}{4}B + 13) - (\frac{8}{16}B + 8)$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Rewrite each expression in its simplest form.

$$1) \left(\frac{1}{3}T + 15\right) - \left(\frac{2}{3}T + 16\right)$$

$$\frac{1}{3}T + 15 - \frac{2}{3}T - 16$$

$$2) \left(\frac{35}{40}N - 12\right) - \left(\frac{4}{8}N + 20\right)$$

$$\frac{35}{40}N - 12 - \frac{20}{40}N - 20$$

$$3) \left(\frac{15}{25}R - 5\right) - \left(\frac{4}{5}R - 2\right)$$

$$\frac{15}{25}R - 5 - \frac{20}{25}R + 2$$

$$4) -\left(\frac{3}{9}Y + 12\right) + \left(\frac{2}{9}Y + 12\right)$$

$$-\frac{3}{9}Y - 12 + \frac{2}{9}Y + 12$$

$$5) -\left(\frac{1}{3}E - 10\right) + \left(\frac{10}{15}E + 3\right)$$

$$-\frac{5}{15}E + 10 + \frac{10}{15}E + 3$$

$$6) -\left(\frac{1}{3}X - 6\right) - \left(\frac{2}{3}X + 8\right)$$

$$-\frac{1}{3}X + 6 - \frac{2}{3}X - 8$$

$$7) -\left(\frac{20}{30}P - 19\right) - \left(\frac{3}{6}P - 14\right)$$

$$-\frac{20}{30}P + 19 - \frac{15}{30}P + 14$$

$$8) -\left(-\frac{4}{10}H + 15\right) - \left(\frac{15}{30}H - 4\right)$$

$$\frac{12}{30}H - 15 - \frac{15}{30}H + 4$$

$$9) -\left(\frac{5}{6}G - 10\right) - \left(\frac{4}{6}G - 10\right)$$

$$-\frac{5}{6}G + 10 - \frac{4}{6}G + 10$$

$$10) \left(\frac{3}{4}B + 13\right) - \left(\frac{8}{16}B + 8\right)$$

$$\frac{12}{16}B + 13 - \frac{8}{16}B - 8$$

Answers

1. $-\frac{1}{3}T - 1$

2. $\frac{15}{40}N - 32$

3. $-\frac{5}{25}R - 3$

4. $-\frac{1}{9}Y + 0$

5. $\frac{5}{15}E - 7$

6. $-\frac{3}{3}X - 2$

7. $-\frac{35}{30}P + 33$

8. $-\frac{3}{30}H - 11$

9. $-\frac{9}{6}G + 20$

10. $\frac{4}{16}B + 5$