



Rewrite each expression in its simplest form.

1)  $(\frac{1}{4}Y + 2) - (\frac{2}{4}Y + 4)$

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

3)  $(\frac{4}{9}B - 8) - (\frac{2}{9}B - 7)$

4)  $-(\frac{2}{10}Z + 11) + (\frac{20}{50}Z + 12)$

5)  $-(\frac{4}{9}R - 9) + (\frac{2}{9}R + 18)$

6)  $-(\frac{1}{10}M - 14) - (\frac{12}{40}M + 3)$

7)  $-(\frac{1}{5}E - 4) - (\frac{4}{5}E - 17)$

8)  $-(\frac{5}{6}V + 11) - (\frac{9}{18}V - 19)$

9)  $-(\frac{1}{4}X + 13) + (\frac{3}{4}X + 4)$

10)  $-(\frac{3}{5}P - 3) - (\frac{4}{5}P - 4)$

Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Rewrite each expression in its simplest form.

$$1) \left( \frac{1}{4}Y + 2 \right) - \left( \frac{2}{4}Y + 4 \right)$$

$$\frac{1}{4}Y + 2 - \frac{2}{4}Y - 4$$

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

$$\frac{1}{3}H - 3 - \frac{2}{3}H - 8$$

$$3) \left( \frac{4}{9}B - 8 \right) - \left( \frac{2}{9}B - 7 \right)$$

$$\frac{4}{9}B - 8 - \frac{2}{9}B + 7$$

$$4) -\left( \frac{2}{10}Z + 11 \right) + \left( \frac{20}{50}Z + 12 \right)$$

$$-\frac{10}{50}Z - 11 + \frac{20}{50}Z + 12$$

$$5) -\left( \frac{4}{9}R - 9 \right) + \left( \frac{2}{9}R + 18 \right)$$

$$-\frac{4}{9}R + 9 + \frac{2}{9}R + 18$$

$$6) -\left( \frac{1}{10}M - 14 \right) - \left( \frac{12}{40}M + 3 \right)$$

$$-\frac{4}{40}M + 14 - \frac{12}{40}M - 3$$

$$7) -\left( \frac{1}{5}E - 4 \right) - \left( \frac{4}{5}E - 17 \right)$$

$$-\frac{1}{5}E + 4 - \frac{4}{5}E + 17$$

$$8) -\left( -\frac{5}{6}V + 11 \right) - \left( \frac{9}{18}V - 19 \right)$$

$$\frac{15}{18}V - 11 - \frac{9}{18}V + 19$$

$$9) -\left( \frac{1}{4}X + 13 \right) + \left( \frac{3}{4}X + 4 \right)$$

$$-\frac{1}{4}X - 13 + \frac{3}{4}X + 4$$

$$10) -\left( \frac{3}{5}P - 3 \right) - \left( \frac{4}{5}P - 4 \right)$$

$$-\frac{3}{5}P + 3 - \frac{4}{5}P + 4$$

Answers

1.  $-\frac{1}{4}Y - 2$

2.  $-\frac{1}{3}H - 11$

3.  $\frac{2}{9}B - 1$

4.  $\frac{10}{50}Z + 1$

5.  $-\frac{2}{9}R + 9$

6.  $-\frac{16}{40}M + 11$

7.  $-\frac{5}{5}E + 21$

8.  $\frac{6}{18}V + 8$

9.  $\frac{2}{4}X - 9$

10.  $-\frac{7}{5}P + 7$