



Rewrite each expression in its simplest form.

1)  $(\frac{10}{20}Z + 10) - (\frac{3}{4}Z + 13)$

2)  $(\frac{12}{27}H - 18) - (\frac{7}{9}H + 10)$

3)  $(\frac{2}{3}W - 3) - (\frac{5}{15}W - 13)$

4)  $-(\frac{1}{10}M + 20) + (\frac{45}{50}M + 13)$

5)  $-(\frac{3}{21}X - 13) + (\frac{5}{7}X + 13)$

6)  $-(\frac{8}{12}T - 3) - (\frac{1}{3}T + 18)$

7)  $-(\frac{4}{5}D - 20) - (\frac{10}{25}D - 4)$

8)  $-(\frac{7}{10}A + 16) - (\frac{6}{30}A - 3)$

9)  $-(\frac{2}{3}K - 14) - (\frac{4}{12}K + 2)$

10)  $(\frac{2}{3}B - 11) - (\frac{1}{3}B - 13)$

Answers

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

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

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

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

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

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

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

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

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

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



Rewrite each expression in its simplest form.

$$1) \left( \frac{10}{20}Z + 10 \right) - \left( \frac{3}{4}Z + 13 \right)$$

$$\frac{10}{20}Z + 10 - \frac{15}{20}Z - 13$$

$$2) \left( \frac{12}{27}H - 18 \right) - \left( \frac{7}{9}H + 10 \right)$$

$$\frac{12}{27}H - 18 - \frac{21}{27}H - 10$$

$$3) \left( \frac{2}{3}W - 3 \right) - \left( \frac{5}{15}W - 13 \right)$$

$$\frac{10}{15}W - 3 - \frac{5}{15}W + 13$$

$$4) -\left( \frac{1}{10}M + 20 \right) + \left( \frac{45}{50}M + 13 \right)$$

$$-\frac{5}{50}M - 20 + \frac{45}{50}M + 13$$

$$5) -\left( \frac{3}{21}X - 13 \right) + \left( \frac{5}{7}X + 13 \right)$$

$$-\frac{3}{21}X + 13 + \frac{15}{21}X + 13$$

$$6) -\left( \frac{8}{12}T - 3 \right) - \left( \frac{1}{3}T + 18 \right)$$

$$-\frac{8}{12}T + 3 - \frac{4}{12}T - 18$$

$$7) -\left( \frac{4}{5}D - 20 \right) - \left( \frac{10}{25}D - 4 \right)$$

$$-\frac{20}{25}D + 20 - \frac{10}{25}D + 4$$

$$8) -\left( -\frac{7}{10}A + 16 \right) - \left( \frac{6}{30}A - 3 \right)$$

$$\frac{21}{30}A - 16 - \frac{6}{30}A + 3$$

$$9) -\left( \frac{2}{3}K - 14 \right) - \left( \frac{4}{12}K + 2 \right)$$

$$-\frac{8}{12}K + 14 - \frac{4}{12}K - 2$$

$$10) \left( \frac{2}{3}B - 11 \right) - \left( \frac{1}{3}B - 13 \right)$$

$$\frac{2}{3}B - 11 - \frac{1}{3}B + 13$$

Answers

1. 
$$\frac{-5}{20}Z - 3$$

2. 
$$-\frac{9}{27}H - 28$$

3. 
$$\frac{5}{15}W + 10$$

4. 
$$\frac{40}{50}M - 7$$

5. 
$$\frac{12}{21}X + 0$$

6. 
$$-\frac{12}{12}T - 15$$

7. 
$$-\frac{30}{25}D + 24$$

8. 
$$\frac{15}{30}A - 13$$

9. 
$$-\frac{12}{12}K + 12$$

10. 
$$\frac{1}{3}B + 2$$