

## Rewriting Expressions

Name:

Rewrite each expression in its simplest form.

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

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

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

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

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

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

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

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

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

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

Answers

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

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

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

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

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

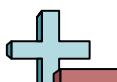
6. \_\_\_\_\_

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

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

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

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



## Rewriting Expressions

Name: **Answer Key**

Rewrite each expression in its simplest form.

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

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

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

4)  $-(\frac{4}{6}C + 7) + (\frac{1}{3}C + 16)$   
 $-\frac{4}{6}C - 7 + \frac{2}{6}C + 16$

5)  $-(\frac{5}{40}Q - 18) + (\frac{2}{8}Q + 3)$   
 $-\frac{5}{40}Q + 18 + \frac{10}{40}Q + 3$

6)  $-(\frac{3}{21}P - 8) - (\frac{6}{7}P + 4)$   
 $-\frac{3}{21}P + 8 - \frac{18}{21}P - 4$

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

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

9)  $-(\frac{20}{25}T + 18) + (\frac{3}{5}T + 13)$   
 $-\frac{20}{25}T - 18 + \frac{15}{25}T + 13$

10)  $-(\frac{6}{8}A - 2) + (\frac{8}{16}A + 7)$   
 $-\frac{12}{16}A + 2 + \frac{8}{16}A + 7$

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