Rewriting Expressions Name:

Rewrite each expression in its simplest form.

1) $(\frac{1}{6}H + 8) - (\frac{10}{30}H + 8)$

2) $(\frac{4}{5}R - 12) - (\frac{12}{20}R + 11)$

3) $(\frac{8}{12}M - 10) - (\frac{1}{3}M - 14)$

4) $-(\frac{1}{4}K + 5) + (\frac{15}{20}K + 13)$

5) $-(\frac{20}{25}D - 17) + (\frac{2}{5}D + 12)$

6) $-(\frac{1}{4}Q - 4) - (\frac{10}{20}Q + 17)$

7) $-(\frac{1}{3}E - 2) - (\frac{2}{3}E - 6)$

8) $-(-\frac{6}{7}C + 5) - (\frac{2}{7}C - 13)$

9) $(\frac{10}{16}T - 6) - (\frac{1}{8}T - 5)$

10) $(\frac{1}{7}A - 13) - (\frac{9}{21}A + 14)$

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Rewriting Expressions Name: **Answer Key**

Rewrite each expression in its simplest form.

1) $(\frac{1}{6}H + 8) - (\frac{10}{30}H + 8)$

$\frac{5}{30}H + 8 - \frac{10}{30}H - 8$

2) $(\frac{4}{5}R - 12) - (\frac{12}{20}R + 11)$

$\frac{16}{20}R - 12 - \frac{12}{20}R - 11$

3) $(\frac{8}{12}M - 10) - (\frac{1}{3}M - 14)$

$\frac{8}{12}M - 10 - \frac{4}{12}M + 14$

4) $-(\frac{1}{4}K + 5) + (\frac{15}{20}K + 13)$

$-\frac{5}{20}K - 5 + \frac{15}{20}K + 13$

5) $-(\frac{20}{25}D - 17) + (\frac{2}{5}D + 12)$

$-\frac{20}{25}D + 17 + \frac{10}{25}D + 12$

6) $-(\frac{1}{4}Q - 4) - (\frac{10}{20}Q + 17)$

$-\frac{5}{20}Q + 4 - \frac{10}{20}Q - 17$

7) $-(\frac{1}{3}E - 2) - (\frac{2}{3}E - 6)$

$-\frac{1}{3}E + 2 - \frac{2}{3}E + 6$

8) $-(-\frac{6}{7}C + 5) - (\frac{2}{7}C - 13)$

$\frac{6}{7}C - 5 - \frac{2}{7}C + 13$

9) $(\frac{10}{16}T - 6) - (\frac{1}{8}T - 5)$

$\frac{10}{16}T - 6 - \frac{2}{16}T + 5$

10) $(\frac{1}{7}A - 13) - (\frac{9}{21}A + 14)$

$\frac{3}{21}A - 13 - \frac{9}{21}A - 14$

Answers

1. $-\frac{5}{30}H+0$
2. $\frac{4}{20}R-23$
3. $\frac{4}{12}M+4$
4. $\frac{10}{20}K+8$
5. $-\frac{10}{25}D-5$
6. $-\frac{15}{20}Q-13$
7. $-\frac{3}{3}E+8$
8. $\frac{4}{7}C+8$
9. $\frac{8}{16}T-1$
10. $-\frac{6}{21}A-27$

1-10	90	80	70	60	50	40	30	20	10	0