

HW118

Evaluate each expression.

1) $(-8) - (-5)$

2) $(-4) + 6$

3) $8 - (-6)$

4) $(-2) - (-1)$

5) $-1 - \frac{8}{3}$

6) $1 - \frac{1}{2}$

7) $\frac{1}{2} - \frac{17}{6}$

8) $\left(-\frac{5}{6}\right) + \left(-\frac{11}{7}\right)$

9) $-3 - -\frac{8}{3}$

10) $\frac{5}{6} - \left(-\frac{7}{4}\right)$

11) $\frac{29}{6} - -\frac{5}{7}$

12) $\frac{5}{3} + -\frac{31}{8}$

Find each product.

13) $(4)(-2)$

14) $(-5)(-7)$

15) $\left(-2\frac{5}{6}\right)\left(-\frac{8}{5}\right)$

16) $\left(-\frac{16}{9}\right)\left(\frac{1}{2}\right)$

17) $\left(5\frac{7}{10}\right)\left(-\frac{16}{9}\right)$

18) $\left(-3\frac{5}{8}\right)\left(-\frac{3}{5}\right)$

Solve each equation.

19) $10 = \frac{r}{4} + 5$

20) $\frac{p}{8} - 7 = -8$

21) $198 = -6(2 + 7b)$

22) $-102 = -6(3n + 6) + 7n$

23) $93 = -5(-2a - 3) - 2$

24) $84 = 3k - 6(5k + 4)$

Solve each inequality.

25) $2 \geq \frac{x}{4} + 6$

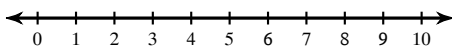
26) $-5 > 3 + \frac{x}{2}$

27) $3 < \frac{n-9}{3}$

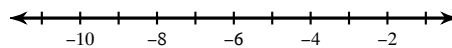
28) $-11 < -10 + \frac{r}{10}$

Solve each inequality and graph its solution.

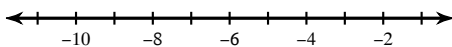
29) $-6x - 2(-2 + 4x) \leq -94$



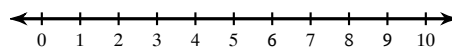
30) $104 \geq -8(1 + 2k)$



31) $4(-7n - 2) + 8 \leq 168$



32) $81 < 8n + 7(n + 3)$



Solve each equation for the indicated variable.

33) $z = m - a$, for a

34) $u = k + a$, for a

35) $g = a - c$, for a

36) $g = c - a$, for a