

GREEN STATION

1) $d + 66 = -77$

$d = -143$

5) $7 = 4.8 + x$

$x = 2.2$

9) $3n = -21$

$n = -7$

2) $48 = t - 22$

$t = 70$

6) $m - (-8.7) = 2.5$

$m = -6.2$

10) $1.5x = 9$

$x = 6$

3) $-40 = n + (-74)$

$n = 34$

7) $5m = 105$

$m = 21$

11) $\frac{2}{3}y = 4$

$y = 6$

4) $-3 + k = 12$

$k = 15$

8) $-72 = -9p$

$p = 8$

12) $\frac{t}{4} = 27$

$t = 108$

PINK STATION

1) $-\frac{4}{5}b = 12$

$b = -15$

2) $4\frac{2}{7}b = 16$

$b = 56/15$

3) $-20 = -9\frac{2}{3}m$

$m = 60/29$

4) $-\frac{33}{48}b = \frac{11}{18}$

$b = -8/9$

- 5) Last week Josie practiced the piano a total of 4 hours. This was 2 hours less than she practiced the previous week. How many hours did she practice the previous week?

6 hours

- 6) Jeremiah earns \$7 an hour working at McDonald's. Find how many hours he needs to work to make \$179.

25.57 hours

7) $4g + 2 = 18$

$g = 4$

9) $8 + \frac{1}{5}r = 7$

$r = -5$

11) $\frac{2}{3}f - 4 = 6$

$f = 15$

8) $-8h - 9 = 23$

$h = -4$

10) $-4 + 7d = 52$

$d = 8$

12) $25 + \frac{11}{12}s = 47$

$s = 24$

YELLOW STATION

1) $7(s+3) = 63$

$$s = 6$$

2) $(t+6)(-3) = 15$

$$t = -11$$

3) $0.8(n-10) = 64$

$$n = 90$$

4) $0.4(r-6) = 14$

$$r = 41$$

5) $-\frac{1}{2}\left(t - \frac{4}{7}\right) = -\frac{3}{5}$

$$t = 62/35$$

6) $3x > 75$

$$x \geq 25$$

7) $32 < -4f$

$$f < -8$$

8) $4 + s \geq 21$

$$s \geq 17$$

9) $3 \leq m + 1.4$

$$m \geq 1.6$$

10) $\frac{k}{14} > 3$

$$k > 42$$

11) $\frac{t}{9} = \frac{1}{4}$

$$t = 9/4$$

12) $6x - 3 < 11$

$$x < 4$$

BLUE STATION

1) $\frac{w}{13} + 5 < 6$

$w < 13$

4) $3 - \frac{x}{8} = 4$

$x = -8$

2) $9 \geq \frac{p}{4} + 5$

$p \leq 16$

5) $7 - 2x > 11$

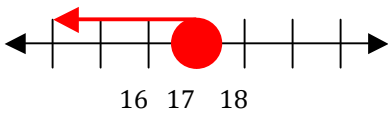
$x < -2$

3) $\frac{x}{5} + 15 = 6$

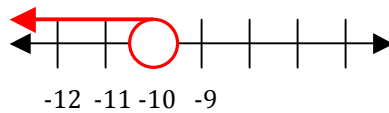
$x = -45$

Solve the following inequalities and graph on the number lines provided.

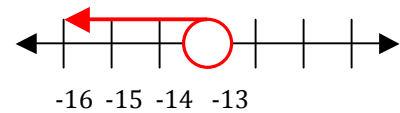
6. $c - 14 \leq 3$
 $c \leq 17$



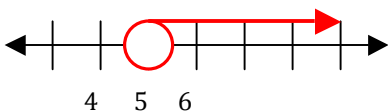
7. $8 - x > 19$
 $x < -11$



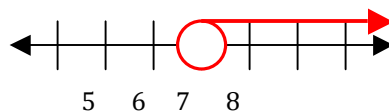
8. $\frac{x}{-5} - 2 > 1$
 $x < -15$



9) $5g + (-7) > 18$
 $g > 5$



10) $-9 + 6k > 27$
 $k > 6$



11) $-20 \leq 4 + \frac{y}{-2}$
 $48 \geq y$

