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(23.) $-24 = 4x - 12$

$12 + -24 = 4x - 12 + 12$ isolate $4x$; add 12 to each side

$-12 = 4x$

isolate x ; divide each side by 4

$\frac{-12}{4} = \frac{4x}{4}$

$-3 = 1 \cdot x$

$-3 = x$

CHECK \rightarrow

$-24 = 4x - 12$
 $-24 = 4(-3) - 12$
 $-24 = -12 - 12$
 $-24 = -24$ ✓

(24.) $5x - 51 = 24$

$51 + 5x - 51 = 24 + 51$ isolate $5x$; add 51 to each side

$5x = 75$

isolate x ; divide each side by 5

$\frac{5x}{5} = \frac{75}{5}$

$1 \cdot x = 15$

$x = 15$

check answer \rightarrow

$5x - 51 = 24$
 $5(15) - 51 = 24$
 $75 - 51 = 24$
 $24 = 24$ ✓

25. $74 = 53 - 7x$ isolate $7x$; add -53 from each side

$$74 - 53 = 53 - 53 - 7x$$

$$21 = -7x$$

isolate x ; divide each side by -7

$$\frac{21}{-7} = \frac{-7x}{-7}$$

$$-3 = x$$

check

$$74 = 53 - 7x$$

$$74 = 53 - 7(-3)$$

$$74 = 53 + 21$$

$$74 = 74$$

✓

21. Anchee - blue line because slope is $\frac{5}{1}$ or a rate of \$5/week

Jonah - pink line - the starting pt of y-intercept is \$20.

Anchee - $b=0$ $m=\frac{5}{1}$ $y=mx+b$

$$y = \frac{5}{1}x + 0$$

$$y = 5x$$

Jonah $b=20$

$$m = \frac{35}{5} = 7$$

$$y = 7x + 20$$