

How much money will Bo Peep save if she goes with Farm Q? $200 - 150 = \$50$

Bo Peep would save \$50 if she buys from Farm Q.

CC.7.EE.4

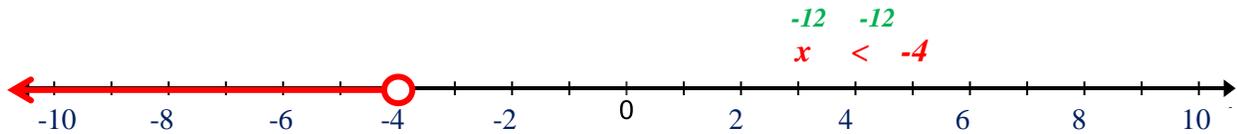
13. Which problem can be solved using the equation: $9x + 14 = 100$?

CC.7.EE.4

- A. 9 dogs and 14 cats cost \$100.
- B. Ty wants to buy 14 dogs, but they cost \$100, how much more does he need?
- C. **Ty has saved \$14 and he earns \$9 each week. How many weeks will it take till he has \$100 to buy a pet?**

14. Label the number line below and draw the solution set for $x + 12 < 8$?

CC.7.EE.4



15. Which inequality represents “nine more than three times a number is greater than 21”.

CC.7.EE.4

- A. $9n > 21$
- B. $9 + 3 > 21$
- C. **$3n + 9 > 21$**
- D. $9n + 3 > 21$

16. Frank has saved \$15 towards the \$95 phone he want to buy. He makes \$5 per week delivering papers. How many weeks must he work until he has enough money?

CC.7.EE.4

95 is needed *He makes \$5 per week, so I need to divide 80 by 5 to find how*
-15 that he has *many weeks it will take. The answer is 16 weeks*
80 more he needs

17. If you have $x - 4$ and subtract $\frac{1}{4}x + 5$ from it, the result is:

CC.7.EE.1

$$-(\frac{1}{4}x + 5)$$
$$\frac{3}{4}x - 9$$

18. Which of the following equations is equivalent to $9x - 12 = 36$?

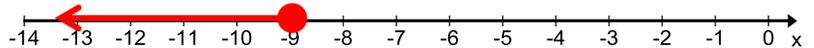
CC.7.EE.2

- A. $9x = 24$
- B. **$9x = 48$**
- C. $x - 12 = 4$
- D. $x + 9 = 4$

19. Graph the inequality: $5y + 3 \leq -42$

CC.7.EE.4

$$\begin{aligned} & -3 \quad -3 \\ 5y & \leq -45 \\ y & \leq -9 \end{aligned}$$



20. Mel cleans houses.

CC.7.EE.4

- She earns \$7.50 every hour that she dusts. $7.50 \cdot 2 = 15$
- She earns \$10.00 every hour that she scrubs floors. $10.00 \cdot 1 \frac{1}{2} = 15$
- She scrubbed floors for 1 ½ hours and dusted for 2 hours.

How much money did Mel earn? $15(\text{dusting}) + 15(\text{scrubbing}) = \30

21. Label and graph the inequality: $4x - 8 > 24$

CC.7.EE.4

$$\begin{aligned} & +8 \quad +8 \\ 4x & > 32 \text{ (divide both sides by 4)} \quad x > 8 \end{aligned}$$

