1. Solve: $5 x+10=-15$
CC.7.EE. 3
2. Simplify: $(-4 a+b-2 c)-(3 a+2 b-c)$
CC.7.EE. 1
3. Rewrite the expression using the distributive property: $12 x+18$
CC.7.EE. 2
4. Rewrite the expression using the distributive property. $30 x+6$
CC.7.EE. 2
5. Your bank account balance was $\$ 235.24$. After 2 checks were cashed (each for the same amount) your balance is now $-\$ 45.58$. What was the amount of each of those checks?
CC.7.EE. 4
6. Cam bought the items listed on the sign. If he was charged $\$ 42.25$ for which item was he charged twice?
```
Socks....$4.50
Hats.....$12.75
t-shirts $12.25
```

CC.7.EE. 4
7. Rich bought 5 cupcakes and one pie. He knows his total bill and knows the pie was $\$ 6.89$, but he wants to find the price of the cupcakes. How can he determine the price of each cupcake?
CC.7.EE. 4
8. Which choice is equivalent to the expression $-2(5 y-x)+3(2 x-6 y)$ ?
CC.7.EE. 2
A. $-16 y-5 x$
B. $-16 y-7 x$
C. $-28 y+4 x$
D. $-28 y+8 x$
9. Solve: $-3 x+12=48$
CC.7.EE. 4
10. Solve: $-2(x-4)=-8$
CC.7.EE. 4
11. Evaluate: $1.5 x+120 \geq 270$
CC.7.EE. 4
12. Bo Peep needs to buy 10 new sheep

- Farm M: one sheep costs $\$ 20$
- Farm Q: set of 5 sheep costs $\$ 75$

How much money will Bo Peep save if she goes with Farm Q?
13. Write a problem that can be solved using the equation: $9 x+14=100$
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 $\$ 100$ ?
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. $9 n>21$
B. $9+3>21$
C. $3 n+9>21$
D. $9 n+3>21$
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
17. If you have $x-4$ and subtract $\frac{1}{4} x+5$ from it, the result is:
CC.7.EE. 1
18. Which of the following equations is equivalent to $9 x-12=36$ ?
CC.7.EE. 2
A. $9 x=24$
B. $9 x=48$
C. $x-12=4$
D. . $x+9=4$
19. Graph the inequality: $5 y+3 \leq-42$
CC.7.EE. 4
20. Mel cleans houses.
CC.7.EE. 4

- $\quad$ She earns $\$ 7.50$ every hour that she dusts.
- She earns $\$ 10.00$ every hour that she scrubs floors.
- She scrubbed floors for $11 / 2$ hours and dusted for 2 hours.

How much money did Mel earn?
21. Label and graph the inequality: $4 x-8>24$
CC.7.EE. 4


