

WEDNESDAY

1. There are 14 sticks of gum in a package. I bought 12 packages. How many sticks of gum is this? Make a ratio table to solve:

packs	1			12
sticks	14			

2. Solve $6(x + 10) = 36$ and check your answer:

3. Evaluate each expression for $x = -2$ and $y = 10$.

a) $x - y$

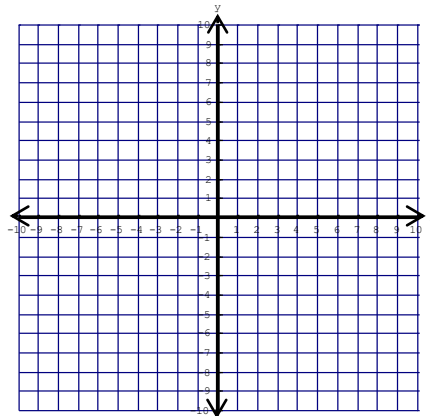
b) $6x - y$

c) $-8x + 3y$

d) $\frac{4y}{x}$

4. Create the table and graph based on the rule: $y = -3x$

x	y
-2	
-1	
0	
1	
2	



5. Cameron and her friend went to Yogurt Land. Cameron got 10 oz. of frozen yogurt and it cost her \$4.00. If her friend got 6 oz, how much did her friend's frozen yogurt cost?

THURSDAY

1. Complete the table, then create an equation (rule) that matches the table. What is the constant of proportionality? How does the constant of proportionality relate to the equation?

x	y
0	0
3	36
?	60
8	96
12	?

Rule: $y = \underline{\hspace{2cm}}x$

2. Find the sum or difference: a) $25 - 38$ b) $-7 - 22$ c) $8 - (-56)$ d) $-15 + 27$

3. Maria was playing a game with her brother. She said, "I'm thinking of a number. When you multiply my number by six and add seven, you get twenty-five. What is my number?"

a) Find Maria's number. Explain how you figured out your answer to Maria's number puzzle.

4. Simplify using Order of Operations:

a) $(6 - 12) \div 36 \cdot 6$

b) $-(9 \cdot 5) \div (5 + 10) + 11$

c) $32 + 8 \cdot 6 \div 16$