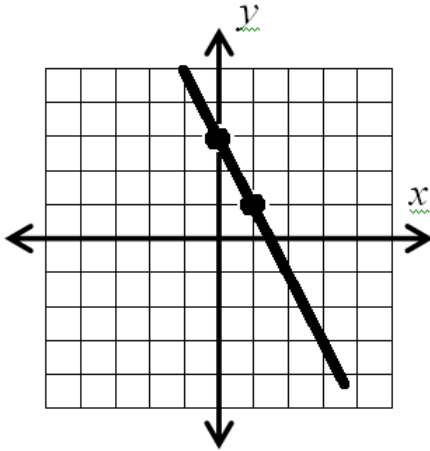


Baby Hall #2 – Gender and Name Reveal

Part 1: Gender

What is the slope of the below linear function?



(GIRL) -2

(BOY) $-1/2$

Part 2: Name

Match the answer value with a letter to fill in the spots on bottom of the page.

1. Evaluate the piece-wise function at $f(2)$:

$$f(x) = \begin{cases} 3x + 1, & \text{when } x < -1 \\ -2x - 5, & \text{when } x \geq -1 \end{cases}$$

2. Solve the following system of equations

$$\begin{aligned} y &= 2x - 1 \\ 3x - 2y &= 5 \end{aligned}$$

3. What is the 21th term in the sequence 2, 6, 10, 14...?

4. What is the x-intercept of the equation $4x - 3y = 36$?

5. A state park charges \$7 per person plus \$3 for parking. Tim paid \$45 when his car entered the park. How many people are in Tim's car?

6. Solve the equation: $-2(x - 2) - 4x = 3(x + 1) - 9x$

7. Solve the equation: $3(x + 2) + 4x - 5 = 7(x + 1) - 6$

8. Mr. Clarke owns stock in Microsoft, which is currently worth \$54.25 per share. On average the stock increases \$1.40 per year. How much will the stock be worth in 5 years?

9. A teacher is teaching two AP statistics classes. On the final exam, the 25 students in the first class averaged 87, while the 30 students in the second class averaged 98. If the teacher combines the classes, what will the average final exam score be?

10. According to one poll, only 8% of the public say they “trust Congress.” In a simple random sample of 10 people, what is the probability that at least one person “trusts Congress”?

WORD BANK

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
No Solution	(7,4)	5	0	9	1	3	23	All Real Numbers	73	4	-9	20.1	8	(-3,-7)	44	.26	82	90

T	U	V	W	X	Y	Z	L	R	E	A	L	E	I	A	P	S	B	C
-2	-80	17	43	.5	1.29	103	6	.7	93	.3	61.25	25	.566	10	.12	12	2	19

First and Middle Name Only

1 2 3 4 5 6 7 8 9 10