Name_____ Date _____

3.3 Puzzle Time

What Do You Call A Ghost Cheerleader?

Write the letter of each answer in the box containing the exercise number.

Write an equation of the line that passes through the points.

1. $(3, 2), (6, 3)$

2. $(2, 3), (4, 1)$

3. $(-6, 1), (-4, 2)$

4. $(-4, -2), (-1, 4)$

5. $(-2, 2), (-1, -1)$

6. $(-8, 7), (-4, 6)$

7. $(-5, -5), (5, -7)$

8. $(-3, -4), (3, 0)$

9. $(-2, -7), (2, -1)$

10. $(-6, -4), (6, 4)$

11. Brian goes to an arcade and purchases a card with game credits. After playing 5 arcade games, he has 33 credits. He plays 4 more games and has 21 credits. What equation represents the number of credits y on the card after x games?

12. You go to a school dance. There is an entrance fee and they are selling slices of pizza. After having one slice of pizza, you have spent \$6. After having 2 more slices of pizza, you have spent \$10. What equation represents the total cost y after buying x slices of pizza?

13. Jenna is making headbands out of ribbon. She makes two headbands and has 6 feet of ribbon remaining. She makes one more headband and has 4 feet of ribbon left. What equation represents the amount of ribbon y Jenna has left after making x headbands?

Answers

R. $y = -x + 5$

E. $y = 2x + 4$

P. $y = -2x + 10$

I. $y = -3x + 48$

A. $y = \frac{1}{2}x + 4$

E. $y = \frac{1}{3}x + 1$

T. $y = -\frac{1}{4}x + 5$

M. $y = \frac{2}{3}x$

T. $y = \frac{2}{3}x - 2$

S. $y = \frac{3}{2}x - 4$

I. $y = -3x - 4$

T. $y = 2x + 6$

H. $y = -\frac{1}{5}x - 6$

4	7	1		6	12	3	10		9	13	5	2	11	8