



Name _____ Class _____ Date _____

1 Using the graph shown that represents total wages per hour, what are the **output values** for working **3, 4,** and **5** hours?

- A \$8.50, \$17, \$25.50
- B \$9.00, \$17.50, \$26
- C \$25.50, \$34, \$42.50
- D \$34, \$42.50, \$51



2 According to the graph shown representing car rental prices, what is the **cost of renting a car** for **4** days?

- A \$50
- B \$75
- C \$85
- D \$90



3 According to the graph, what **equation** can be used to represent the **temperature** of **50°F** water in an ice cube tray, y , after it has been left in a **32°F** freezer for x seconds.

- A $y = 50 - (\frac{1}{2})x$
- B $y = 50 - x$



4 According to the graph shown, which **equation** can be used to represent the **height** of a person, y , over the **time period** of x years?

- A $y = 20 + 3.5x$
- B $y = 21 + 3x$



PREVIEW

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- 7
- A $y = -9x - 3$
- B $y = -9x + 3$
- C $y = 9x - 3$
- D $y = -3x + 9$

- A $y = -x + 4$
- B $y = 4x - 1$
- C $y = 4x + 1$
- D $y = x + 4$

9 What is the **equation of a line** that has a slope of **-7** and crosses the y -axis at the point **(0, 5)**?

- A $y = 5x - 7$
- B $y = 5x + 7$
- C $y = -7x + 5$
- D $y = -7x - 5$

10 What is the **slope** of the line shown?

- A positive
- B negative
- C zero
- D undefined



ANSWER KEY

Using the graph shown that represents total wages per hour, what are the **output values** for working **3, 4, and 5** hours?

- A \$8.50, \$17, \$25.50
- B \$9.00, \$17.50, \$26
- C \$25.50, \$34, \$42.50
- D \$34, \$42.50, \$51



(c)

According to the graph shown representing car rental prices, what is the **cost of renting a car** for **4** days?

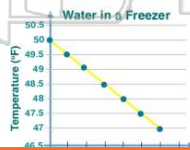
- A \$50
- B \$75
- C \$85
- D \$90



(d)

According to the graph, what **equation** can be used to represent the **temperature** of **50°F** water in an ice cube tray, y , after it has been left in a **32°F** freezer for x seconds.

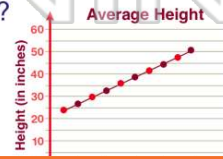
- A $y = 50 - (\frac{1}{2})x$
- B $y = 50 - x$
- C $y = 50 + (\frac{1}{2})x$
- D



(a)

According to the graph shown, which **equation** can be used to represent the **height** of a person, y , over the **time period** of x years?

- A $y = 20 + 3.5x$
- B $y = 21 + 3x$
- C $y = 20 + 2.5x$
- D



(b)



PREVIEW

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- C $y = -5x + 9$
- D $y = -3x + 9$

- B $y = -4x + 1$
- C $y = 4x + 1$
- D $y = x + 4$

What is the **equation of a line** that has a slope of **-7** and crosses the y -axis at the point **(0, 5)**?

- A $y = 5x - 7$
- B $y = 5x + 7$
- C $y = -7x + 5$
- D $y = -7x - 5$

(c)

What is the **slope** of the line shown?

- A positive
- B negative
- C zero
- D undefined

(b)