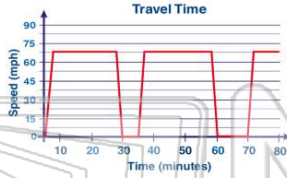




Name _____ Class _____ Date _____

1 According to the graph that represents Linda's drive to her son's house, how many **rest stops** did she take **before arriving** at his house?

- A 2
- B 3
- C 70
- D 80



3 **Quick & Easy** home repair charges **\$55** plus **\$15** per hour that it takes to complete a job. **Fast & Sure** home repair charges **\$75** plus **\$5** per hour that it takes to complete a job. According to the graph, in how many hours will the costs for both companies be **equal**?

- A ½ hour
- B 1 hour
- C
- D



5



PREVIEW

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7

- A 6 minutes
- B 12 minutes
- C 24 minutes
- D 720 minutes



9

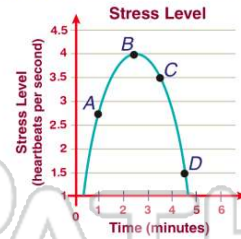
Kyle and Kathy are participating in a **5-mile** race. Kyle runs **10 mph** and **stops twice** for **7 minutes**. Kathy runs **8 mph** and **stops twice** for **5 minutes**. Kyle will reach the finish line first.

True or false?

- A true
- B false

2 Dwayne is taking a test. Based on the graph shown, when is his stress about the **lowest level**?

- A point A
- B point B
- C point C
- D point D



4 The cellular phone company has a choice of two plans. **Plan A** is a flat rate of **\$59.99** a month for **600** minutes. **Plan B** is a flexible plan that charges **\$29.99** a month plus **\$0.10** a minute. Jason talks for **400** minutes. He thinks plan B is the cheaper choice.

True or false?



- A true
- B false



10 A **set** is a collection of objects called elements. If set $A = \{x > 45\}$, which number is **not** in the set?

- A 101
- B 97
- C 46
- D 44

$$A = \{x > 45\}$$



ANSWER KEY

According to the graph that represents Linda's drive to her son's house, how many **rest stops** did she take **before arriving** at his house?

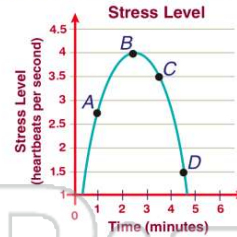
- A 2
- B 3
- C 70
- D 80



(a)

Dwayne is taking a test. Based on the graph shown, when is his stress about the **lowest level**?

- A point A
- B point B
- C point C
- D point D



(d)

Quick & Easy home repair charges **\$55** plus **\$15** per hour that it takes to complete a job. **Fast & Sure** home repair charges **\$75** plus **\$5** per hour that it takes to complete a job. According to the graph, in how many hours will the costs for both companies be equal?

- A 1/2 hour
- B 1 hour
- C 2 hours
- D



(c)

The cellular phone company has a choice of two plans. **Plan A** is a flat rate of **\$59.99** a month for **600** minutes. **Plan B** is a flexible plan that charges **\$29.99** a month plus **\$0.10** a minute. Jason talks for **400** minutes. He thinks plan B is the cheaper choice.

True or false?

- A true



(b)



PREVIEW

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- A
- B 12 minutes
- C 24 minutes
- D 720 minutes



- A true
- B false



Kyle and Kathy are participating in a **5-mile** race. Kyle runs **10 mph** and **stops twice** for **7 minutes**. Kathy runs **8 mph** and **stops twice** for **5 minutes**. Kyle will reach the finish line first.

True or false?

- A true
- B false

(a)

A **set** is a collection of objects called elements. If set **A = {x > 45}**, which number is **not** in the set?

- A 101
- B 97
- C 46
- D 44

$$A = \{x > 45\}$$

(d)