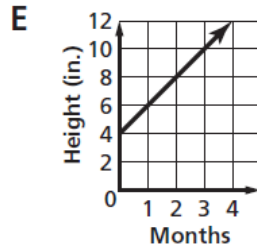
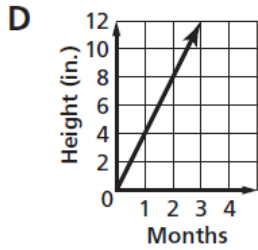
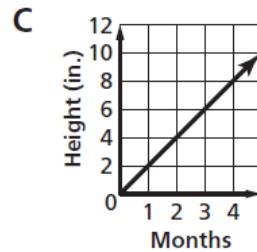
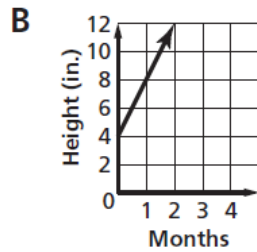
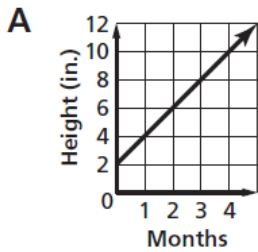


25 Inez bought a 4-inch plant that grows at a rate of 2 inches per month to a maximum height of no more than 24 inches. Which model shows a reasonable number of months that it will take the plant to reach its full height?

25 _____



26 A packer at a manufacturing plant can box 10 packages of machine parts in an hour. The manager of the plant graphs the packer's output for a 30-hour workweek. Which statement about the graph is true?

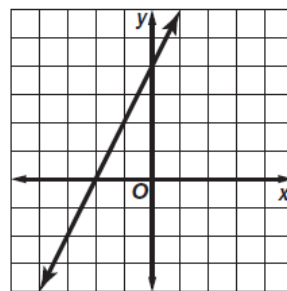
26 _____

- A The range is from 0 to 30 hours.
- B The domain and range are both 0 to 30.
- C The domain is from 0 to 300 boxes.
- D The range is from 0 to 300 boxes.
- E The domain cannot be greater than 10.

27 Which are the intercepts of the function represented on the graph?

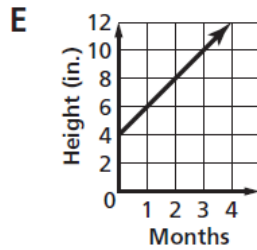
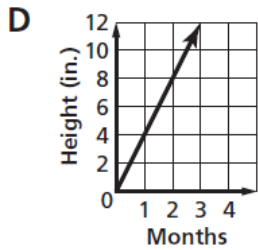
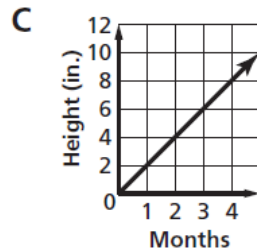
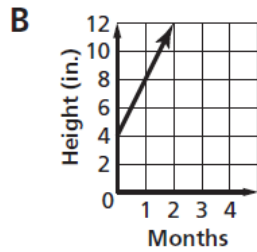
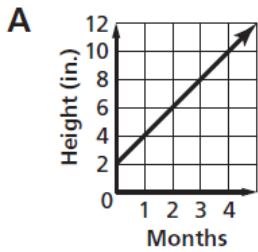
27 _____

- A $(-2, 0)$, $(0, 4)$
- B $(-2, 0)$, $(4, 0)$
- C $(0, -2)$, $(0, 4)$
- D $(2, 0)$, $(0, 4)$
- E $(4, 0)$, $(0, -2)$



25 Inez bought a 4-inch plant that grows at a rate of 2 inches per month to a maximum height of no more than 24 inches. Which model shows a reasonable number of months that it will take the plant to reach its full height? **II.C.4.**

25 **E**



26 A packer at a manufacturing plant can box 10 packages of machine parts in an hour. The manager of the plant graphs the packer's output for a 30-hour workweek. Which statement about the graph is true? **I.B.2.**

26 **D**

- A The range is from 0 to 30 hours.
- B The domain and range are both 0 to 30.
- C The domain is from 0 to 300 boxes.
- D The range is from 0 to 300 boxes.
- E The domain cannot be greater than 10.

27 Which are the intercepts of the function represented on the graph? **II.B.5.**

27 **A**

- A $(-2, 0), (0, 4)$
- B $(-2, 0), (4, 0)$
- C $(0, -2), (0, 4)$
- D $(2, 0), (0, 4)$
- E $(4, 0), (0, -2)$

