

Answer on Question #56377 – Math – Algebra

12. Let $y = 3t + 6$ be a linear function representing the distance from home for an ant t minutes after starting out from a location near its home. What does the number 6 represent in this function?

- A: The ant is 6 feet from its home after t minutes.
- B: The ant started out 6 feet from its home.
- C: The ant is moving at 6 feet per minute.
- D: The ant is moving 6 feet every 3 minutes.

Answer:

B: The ant started out 6 feet from its home.

13. Which of the following is the equation of a line parallel to the line $y = 4x + 1$, passing through the point (5,1)?

- A: $4x + y = -19$
- B: $4x - y = 19$
- C: $-4x - y = 19$
- D: $4x + y = 19$

Answer:

B: $4x - y = 19$.