1. Which of the following statements about the system of equations below is true?

Eq. 1) $3y = 9x - 18$ Eq. 2) $5y + 15x + 30 = 0$

A) The system has **one** unique solution

B) The system has **two** unique solutions

C) The system has **no** solutions

D) The system has an **infinite** number of solutions

Answer: _____.___

2. Which of the following statements about the system of equations below is true?

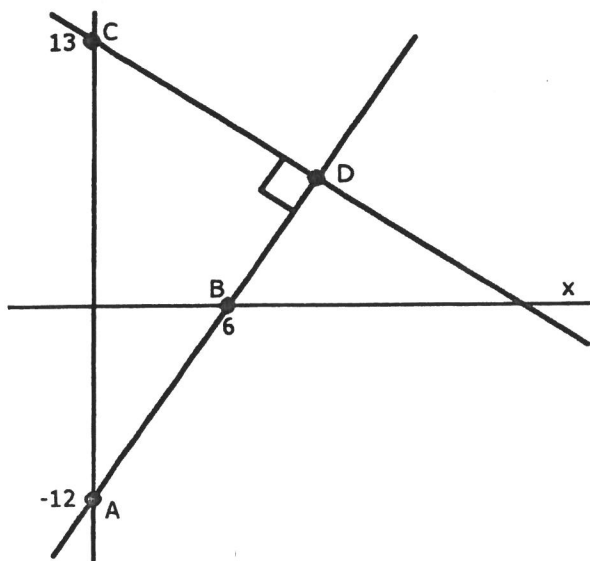Eq. 1) $4y = -28x + 76$ Eq. 2) $-14x - 2y - 42 = 0$

A) The system has **one** solution   **C)** The system has **no** solutions

B) The system has **two** solutions   **D)** The system has **infinite** solutions

3. Last night the New York Knicks played the Dallas Mavericks.
The Knicks scored 10 more than twice as many points as the Mavericks.
The two teams had a combined score of 199 points.
What was the final score of last night's game?

4. Anakin and George are related.
George is 2 years less than four times older than Anakin.
Anakin and George's combined age is 73 years.
How old is George?

5. Malachi sells phones and laptops at Best Buy.
The price of a laptop is $30 more than twice the price of a phone.
Two phones and 3 laptops cost $ 3090.
How much would it cost for 5 phones and 5 laptops?

6. What are the coordinates of **point D**, where the **two lines meet?**
(Drawing not to scale)

Answer: The coordinates of point D are (_____ , _____)