**33** Which polynomial expression is $5b(b + 6) + 3b$ in simplest form?          33 _____

    **A** $30b^2 + 15b$             **B** $15b^2 + 30b$

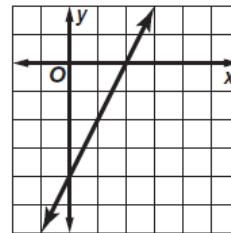    **C** $5b^2 + 15b + 30$     **D** $5b^2 + 15b + 6$

    **E** $5b^2 + 33b$

**34** It costs Marc $5 per day to rent a kayak plus $10 for equipment at          34 _____
Outpost Outfitters. He can rent a kayak with equipment for $7 per day
at Back Country Outfitters. Which system of equations could Marc use
to find the number of days at which the total cost to rent a kayak and
equipment at both places is the same? Let $c =$ the total cost and let
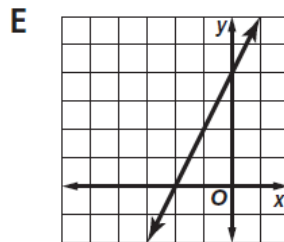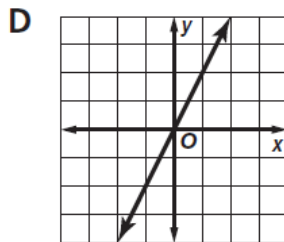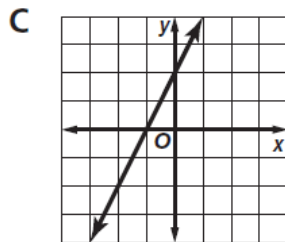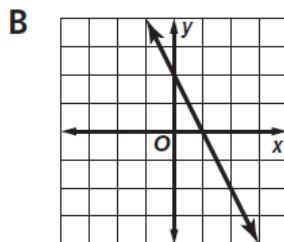$d =$ days of rentals.

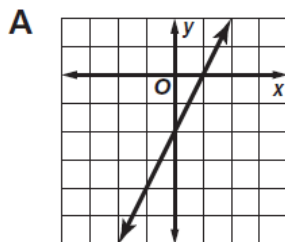    **A** $c = 5 + 10d$          **B** $c = 10 + 5d$

       $c = 7 + d$              $c = 7d$

    **C** $c = 10 + 5d$        **D** $c = 5 + 10d$

       $c = 7 + d$              $c = 7d$

    **E** $c = 5d + 7d$

       $c = 10$

**35** To the right is a graph of $y = mx - 4$. Which of          35 _____
these is a graph of $y = mx + 2$?

    **A**               **B**

    **C**      **D**      **E**

**36** What is the range of $f(x) = 6x^2 - 4x + 5$ if the domain is $\{-2, -1, 2\}$?          36 _____

    **A** $\{-37, -15, 21\}$         **B** $\{-27, 7, 37\}$

    **C** $\{1, 3, 9\}$               **D** $\{37, 15, 21\}$

    **E** $\{37, -15, 21\}$

**33** Which polynomial expression is $5b(b + 6) + 3b$ in simplest form?  **I.D.2.**　　**33** _____**E**_____

　A  $30b^2 + 15b$　　　　　　　B  $15b^2 + 30b$
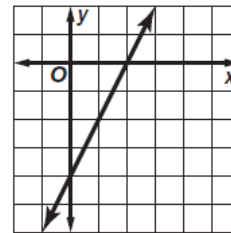　C  $5b^2 + 15b + 30$　　　　　D  $5b^2 + 15b + 6$
　E  $5b^2 + 33b$

**34** It costs Marc $5 per day to rent a kayak plus $10 for equipment at Outpost Outfitters. He can rent a kayak with equipment for $7 per day at Back Country Outfitters. Which system of equations could Marc use to find the number of days at which the total cost to rent a kayak and equipment at both places is the same? Let $c$ = the total cost and let $d$ = days of rentals.  **II.D.1.**　　**34** _____**B**_____
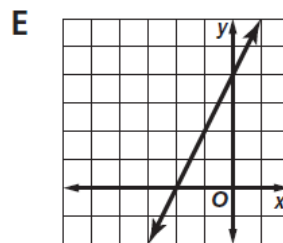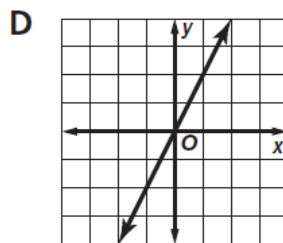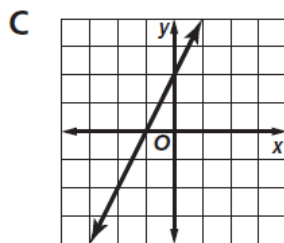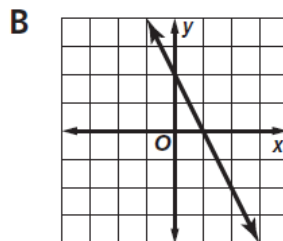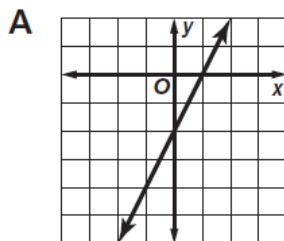
　A  $c = 5 + 10d$　　　　　　B  $c = 10 + 5d$
　　　$c = 7 + d$　　　　　　　　$c = 7d$
　C  $c = 10 + 5d$　　　　　　D  $c = 5 + 10d$
　　　$c = 7 + d$　　　　　　　　$c = 7d$
　E  $c = 5d + 7d$
　　　$c = 10$

**35** To the right is a graph of $y = mx - 4$. Which of these is a graph of $y = mx + 2$?  **II.B.3.**　　**35** _____**C**_____

**A**

**B**



**C**　　　**D**　　　**E**

**36** What is the range of $f(x) = 6x^2 - 4x + 5$ if the domain is $\{-2, -1, 2\}$?　　**36** _____**D**_____

　A  $\{-37, -15, 21\}$　　　　　B  $\{-27, 7, 37\}$　　　　**III.A.1.**
　C  $\{1, 3, 9\}$　　　　　　　　D  $\{37, 15, 21\}$
　E  $\{37, -15, 21\}$