

Mark the best answer.

- 1** The helicopter flew for 6 hours at 45 miles per hour. How far did it travel? Use the distance formula below. (18-1)

$$d = r \times t$$

- A 250 miles
- B 270 miles
- C 500 miles
- D 2,500 miles

- 2** What is the rule for the table? (18-2)

<i>x</i>	2	5	8	13
<i>y</i>	11	14	17	22

- A $y = x - 10$
- B $y = x + 10$
- C $y = x - 9$
- D $y = x + 9$

- 3** What is the missing number in the table? (18-3)

<i>x</i>	<i>y</i>
36	12
24	8
21	7
9	?

- A 2
- B 3
- C 4
- D 5

- 4** What is the missing number in the table? (18-5)

<i>x</i>	$y = 3x + 7$
1	10
2	13
3	16
4	?

- A 4
- B 8
- C 10
- D 19

5 What is the rule for the table?
(18-3)

<i>x</i>	4	6	8	9
<i>y</i>	12	18	24	27

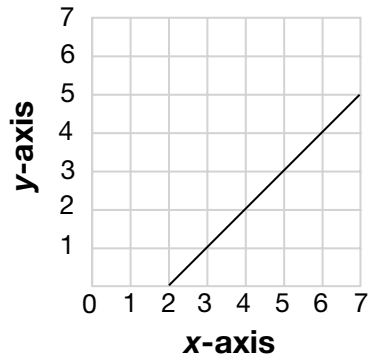
- A** $y = x \div 3$
- B** $y = 3x$
- C** $y = x - 3$
- D** $y = x + 3$

6 What is the missing number in the table? (18-2)

<i>x</i>	<i>y</i>
11	3
29	21
34	26
45	?

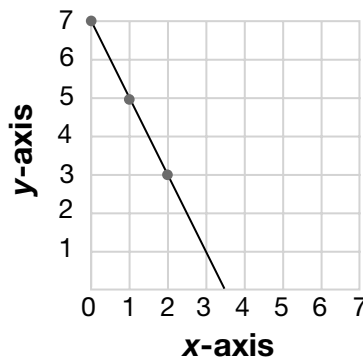
- A** 37
- B** 36
- C** 35
- D** 33

7 Which equation is graphed below? (18-4)



- A** $y = x - 2$
- B** $y = x + 2$
- C** $y = x$
- D** $y = 1 - x$

8 Amber plotted 3 points of a straight line onto a grid. Which could be the coordinates of another point on the line? (18-5)



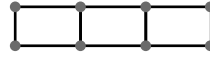
- A** (0, 6)
- B** (3, 1)
- C** (3, 0)
- D** (3, 2)

9 How many teacups come in 5 sets? (18-3)

Number of Sets	Number of Teacups
4	20
7	35
10	50
12	60

- A** 5
- B** 20
- C** 25
- D** 40

10 Anna built a chicken coop with separate pens for each chicken. She put stakes to hold the chicken wire at each corner. How many stakes are needed for 7 rectangles? Use the table to solve the problem. (18-6)



Rectangles	1	2	3	4	5	6	7
Stakes	4	6	8	10			

- A** 16
- B** 14
- C** 12
- D** 10