

1 Expectation: 5.5(A)

Look at the list of numbers below.

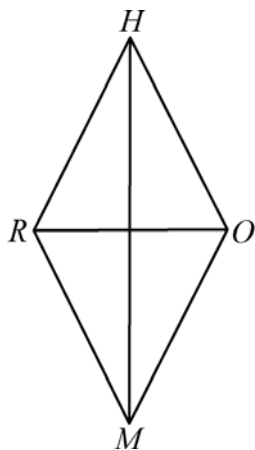
1, 2, 5, 14, 41, ____

Which rule can be used to find the next number in the pattern?

- A** Add 9 to the previous number
- B** Multiply the previous number by 4 and subtract 2
- C** Multiply the previous number by 3 and subtract 1
- D** Add 2 to the previous number

2 Expectation: 5.7(A)

Figure $RHOM$ is a rhombus.



Which of these statements is true?

- F** \overline{RO} is the same length as \overline{HM} .
- G** \overline{OH} is longer than \overline{RM} .
- H** \overline{OM} is longer than \overline{RH} .
- J** \overline{OM} is the same length as \overline{RM} .

3 Expectation: 5.12(B)

A giant, six-sided number cube was used in a game at the school carnival. The sides of the cube were numbered with 5, 10, or 15. During the first day, players tossed the cube 300 times. The results are shown in the table below.

**Results for
the First Day**

Number Facing Up	Number of Times Tossed
5	150
10	100
15	50

During the second day of the carnival, the cube was tossed 240 times. Based on information from the first day, which is the most reasonable prediction of the number of times 15 faced up on the second day?

- A** 15
- B** 20
- C** 40
- D** 50

4 Expectation: 5.3(A)

Danielle is buying school supplies. She has \$7.25 to spend.

Item	Price
Notebook	\$0.75
Pencils	\$1.95
Pens	\$2.50
Planner	\$5.00

Which could Danielle buy?

- F** 5 notebooks and 1 package of pencils
- G** 4 notebooks and 2 packages of pens
- H** 2 packages of pencils and 2 packages of pens
- J** 1 package of pens and 1 planner

5 Expectation: 5.2(A)

In Eric's family, 4 of his cousins were born in Florida, 9 of his cousins were born in Illinois, 5 of his cousins were born in North Carolina, and 12 of his cousins were born in Texas. What fraction of Eric's cousins were born in Texas?

- A** $\frac{3}{10}$
- B** $\frac{3}{8}$
- C** $\frac{2}{5}$
- D** $\frac{2}{3}$

6 Expectation: 5.11(B)

Brianna is an airline pilot. She recently flew around the world. The table below shows the length of each flight and the length of time she spent in each city.

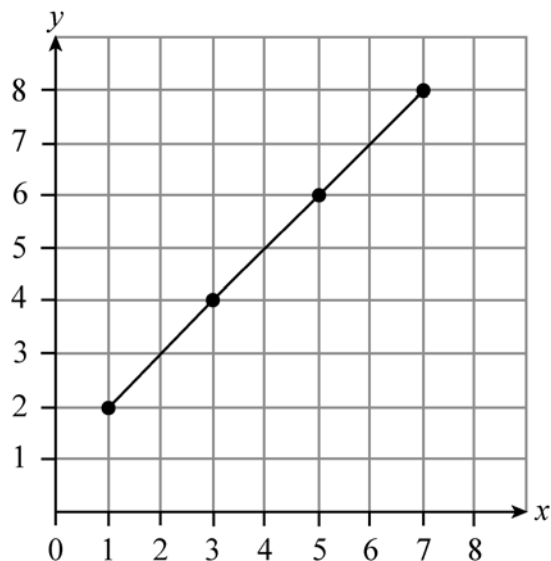
Flight	Flight Time	Layover Time
Los Angeles → Hong Kong	18 hours	2 days, 8 hours
Hong Kong → Cairo	23 hours	1 day, 16 hours
Cairo → Paris	5 hours	3 days, 3 hours
Paris → Los Angeles	18 hours	--

How long was Brianna's entire trip?

- F** 7 days and 15 hours
- G** 8 days and 22 hours
- H** 9 days and 19 hours
- J** 10 days and 10 hours

7 Expectation: 5.13(A)

The graph below shows 4 points connected by line segments.



Which table matches the data in the graph?

A

x	y
1	1
3	3
5	5
7	7

C

x	y
2	1
4	3
6	5
8	7

B

x	y
1	2
3	4
5	6
7	8

D

x	y
1	2
2	4
3	6
4	8

8 Expectation: 5.3(A)

Bryan took a survey of 100 of his classmates. Of the people he surveyed, 54 were male, and 46 were female. 70 of those surveyed said they played sports.

If 17 girls said that they did not play sports, how many boys said that they did not play sports?

	1	3	.
0	0	0	
1	●	1	
2	2	2	
3	3	●	
4	4	4	
5	5	5	
6	6	6	
7	7	7	
8	8	8	
9	9	9	



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Item Number	Reporting Category	Readiness or Supporting	Content Student Expectation	Process Student Expectation	Correct Answer
1	2	Readiness	5.5(A)	5.16 (A)	C
2	3	Supporting	5.7(A)	5.16 (B)	J
3	5	Readiness	5.12(B)	5.14 (A)	C
4	1	Readiness	5.3(A)	5.14 (A)	F
5	1	Readiness	5.2(A)	5.14 (B)	C
6	4	Supporting	5.11(B)	5.14 (B)	H
7	5	Supporting	5.13(A)		B
8	1	Readiness	5.3(A)	5.14 (B)	13