Grade 4

Released Items

4N2

Number Operations and Concepts - Understand ways to represent numbers, relationships among numbers, and number systems

The land areas in square miles of some states are listed in the chart below.

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Land Area				
State	Area (sq mi)			
Colorado	167,532			
Idaho	134,499			
Nebraska	124,495			
Utah	136,639			
Wyoming	157,422			

Which list shows the states arranged in order from the greatest to the least land area?

A. Nebraska, Idaho, Utah, Wyoming, Colorado

B. Nebraska, Utah, Colorado, Idaho, Wyoming

C. Colorado, Idaho, Nebraska, Utah, Wyoming

D. Colorado, Wyoming, Utah, Idaho, Nebraska

4N3

Number Operations and Concepts - Develop the connection between

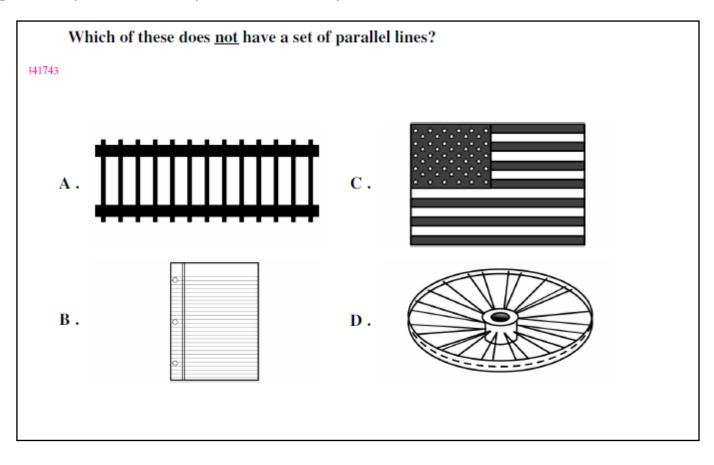
conceptual understanding and computational proficiency

Ms. Kale has 26 students in her class. Each of her students made 12 bookmarks. Which is the closest estimate to the total number of bookmarks Ms. Kale's students made? A 20 + 10 B 30 × 10 C 20 - 10

D 30 × 20

4G1

Geometry - Specify locations and describe spatial relationships using coordinate geometry and other representational systems



4G2

Geometry - Analyze characteristics and properties of two- and three-dimensional

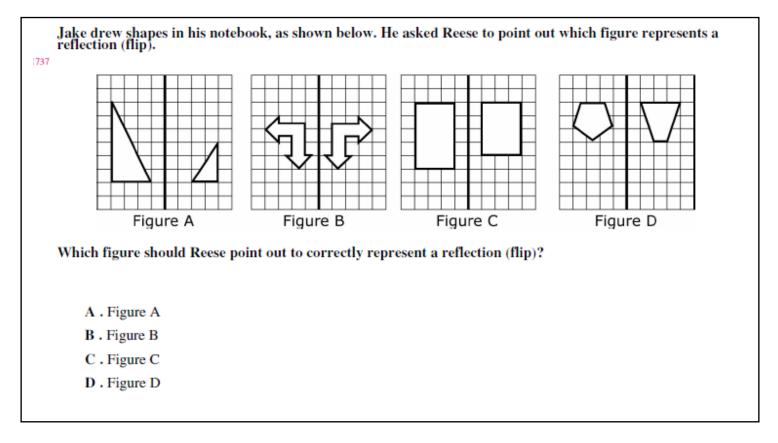
geometric shapes

	Figure A	Figure B	Figure C	Figure D
		\bigcirc		
Figure:				

4G3

Geometry - Apply transformations and use symmetry to analyze mathematical

situations



4M1

Measurement - Understand measurable attributes of objects and the units,

systems, and processes of measurement

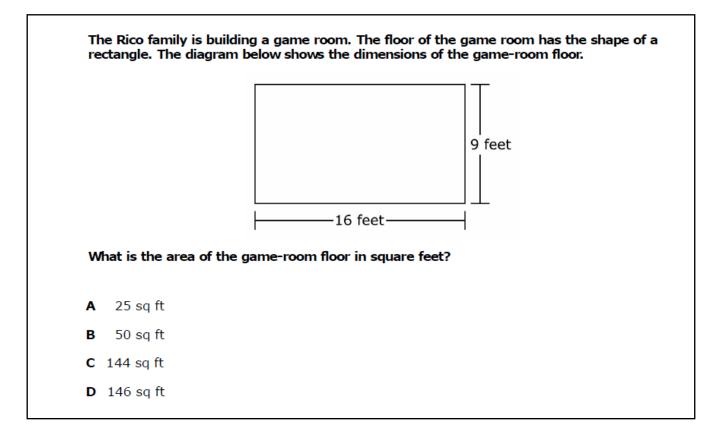
Jamie spent 67 minutes playing outside. Which of the following is equal to 67 minutes?

- A 1 hour 7 minutes
- B 6 hours 7 minutes
- C 7 hours 6 minutes
- D 60 hours 7 minutes

4M2

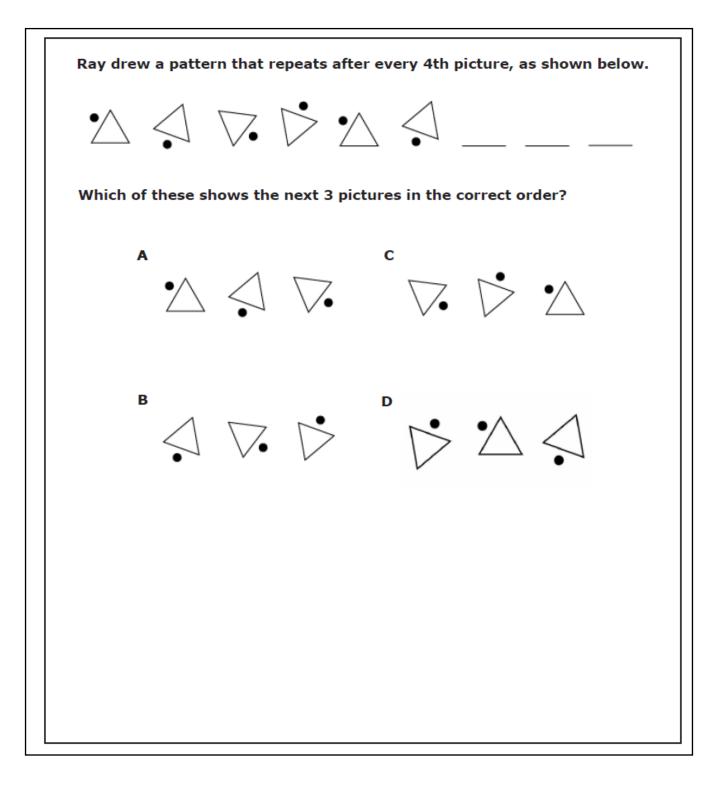
Measurement - Apply appropriate techniques, tools, and formulas to determine

perimeter, area or volume



4A1

Algebra - Understand patterns, relations, and functions

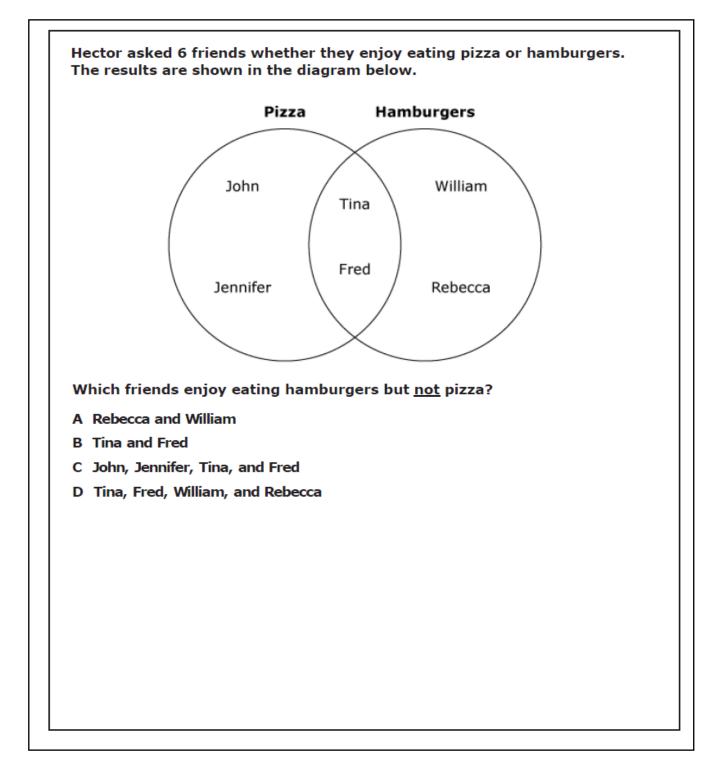


3341507	Michael wrote the number pattern shown. He began his
	Michael wrote the number pattern shown. He began his pattern with the number 9.
	The difference between the first number and second number is 3. The difference between the second number and third number is 4.
	Pattern: 9, 12, 16, 21, 27, 34, 42,, Rule: +3 +4 +5 +6 +7 +8
	The difference between the numbers will continue to increas by 1. What will be the next two numbers in Michael's pattern? Write your answer in the spaces provided. Show or explain how you figured out your answer.
Next	2 Numbers in Michael's Pattern:,,

	N.	U W II	913 U		mber	010		, ne t	Irew in	
	Pablo's Circles									
	Row	1	2	3	4	5	6	7		
	Number of Circles	3	6	12	24	48	96	?		
	What is the of circles in your answe	each								
Rule:										
 Dart R	If the pattor				cho					
	If the patter the number how you got	of ci	rcles	in Ro						
		7:								
Number of Cir	cles in Row									

4D1

Data Analysis and Probability - Collect, organize, and display relevant data to answer questions and use appropriate statistical methods to analyze the data



4D2

Data Analysis and Probability - Develop and evaluate inferences and

predictions that are based on data

Sally has a paper bag with three candies that are each wrapped in a different colored foil.

- One candy is wrapped in gold foil.
 - One candy is wrapped in black foil.
 - One candy is wrapped in orange foil.

What is the likelihood Sally will pick a candy wrapped in red foil?

- A . Impossible
- B. Not likely
- C . Very likely
- D. Certain