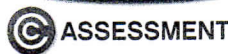


Multiple Choice



1. Football players came out of the tunnel in the pattern shown below.



What number belongs on the blank jersey? (2-2)

- A 26
 - B 25
 - C 24
 - D 22
2. What are the next three numbers in this pattern? (2-1)

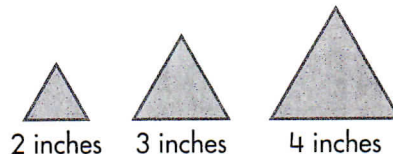
6, 5, 3, 1, 6, 5, 3, 1, 6, 5, 3

- A 6, 3, 1
 - B 6, 5, 3
 - C 1, 5, 3
 - D 1, 6, 5
3. What rule can be used to find the number of legs on 7 grasshoppers? (2-4)

Number of Grasshoppers	3	5	7	9
Number of Legs	18	30		54

- A Add 15.
- B Divide by 5.
- C Multiply by 5.
- D Multiply by 6.

4. Kayla is cutting ribbon to go around cards. Each card is shaped like a triangle with all sides the same length. How many inches of ribbon does she need for a card with each side 7 inches long? (2-5)



Side Length in Inches	2	3	4	7
Inches of Ribbon	6	9	12	

- A 15
 - B 18
 - C 21
 - D 24
5. Coach Kim needs to form teams that all have the same number of players. The table shows the number of teams formed for different numbers of players.

Number of Players	24	32	40	72
Number of Teams	3	4		9

What rule can be used to find how many teams are formed if there are 40 players? (2-4)

- A Divide by 8.
- B Divide by 6.
- C Multiply by 6.
- D Subtract 21.

6. Hank had a party at the zoo. He used the table below to find the total price of admission for groups of different sizes.

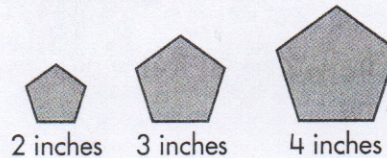
Total Number of Children	Total Admission Price
3	\$21
5	\$35
7	
9	\$63

What is the total cost of admission for 7 children? (2-3)

7. Joe has 18 pets. His pets are birds, hamsters, and 10 fish. He has 2 fewer birds than hamsters. How many birds does he have? (2-6)
8. What is a rule for the pattern? (2-2)
29, 24, 19, 14, 9
9. Look at this pattern of numbers.
5, 7, 2, 8, 5, 7, 2, 8, 5, 7, 2, ...
Write the next 3 numbers in the pattern. (2-1)
10. Lockers in a school are lined up in the pattern shown below. Write the number that belongs on the blank locker. (2-2)



11. Kelly is making mobiles cut from strips of wood that are shaped like pentagons. How many inches of wood does she need for a pentagon with sides that are each 5 inches long? (2-5)



Inches in One Side	2	3	4	5
Inches of Wood	10	15	20	

12. There are 24 cars in the lot. Fourteen cars are silver the rest are blue or red. There are 6 more blue cars than red cars. How many cars are red? (2-6)
13. The table shows the number of boxes of juice in different numbers of cartons.

Total Number of Cartons	Total Number of Juice Boxes
3	9
5	15
7	
8	24

How many juice boxes would you get in 7 cartons? Explain how you know. (2-3)