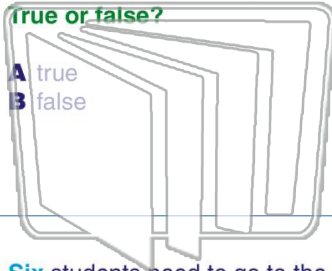




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 A **permutation** is an arrangement of objects where **order does not matter**.



2 There are **4 chairs** in a room and **4 visitors**. How many **permutations** can be made?

- A 8
- B 16
- C 24
- D 256

3 **Six** students need to go to the nurse. The teacher has them walk in a line. How many **permutations**, or possible

4 What is the number of **permutations** that can be made from the letters in the word **TABLE**?

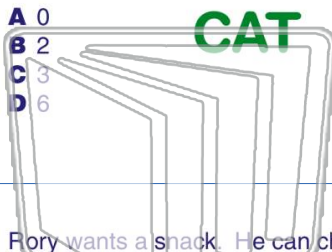


## PREVIEW

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7 the word **CAT**?

- A 0
- B 2
- C 3
- D 6



of the numbers **5, 6, 7, and 8**?

- A 2
- B 4
- C 5
- D 6

9 Fory wants a snack. He can choose from an **apple**, an **orange**, **cookies**, **chips**, or **pretzels**. If he picks **2** items, how many possible **combinations** are there?

- A 7
- B 10
- C 25
- D 50

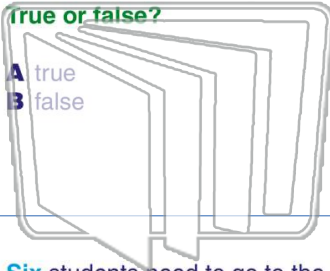
10 D.J. can choose **cereal**, **eggs**, **pancakes** and **bagels** for breakfast. Since he is starving, he chooses **two** items. What is the **probability** that he chooses **eggs and pancakes**.

- A  $\frac{1}{6}$
- B  $\frac{1}{8}$
- C  $\frac{1}{12}$
- D  $\frac{1}{16}$



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 A **permutation** is an arrangement of objects where **order does not matter**.



- A true
- B false

2 There are **4 chairs** in a room and **4 visitors**. How many **permutations** can be made?

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4 What is the number of **permutations** that can be made from the letters in the word **TABLE**?



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**CAT**

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