



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

1 Sally's mom drove **twenty-three thousand, seven hundred fifty** miles last year for her job. What is the **standard form** of the miles she drove?

- A 230,750
- B 23,750
- C 237,050
- D 2,375



2 Dan is an avid marathon runner. Over the past five years he has run a total of **six thousand, four hundred twenty** miles. What is the **standard form** of the miles Dan ran?

- A 60,420
- B 6,400,020
- C 6,420
- D 16,420



3 The Great Lakes are considered the largest fresh water system on earth. The largest Great Lake, Lake Superior, has a surface area of **thirty-one thousand, eight hundred twenty** square miles. What is the **standard form** of the surface area of Lake Superior?

4 Sam and Jane want to travel around the world. They calculated the circumference of the earth at the equator to be **twenty-four thousand, nine hundred two** miles. What is the **standard form** of the distance around the earth?



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## PREVIEW

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there. What is the **standard form** of New York City's population?

- A 808,278
- B 8,008,278
- C 8,800,278
- D 8,008,2708

**Extended form of the area of Alaska:**  
A  $600,000 + 60,000 + 3,000 + 200 + 60 + 7$   
B  $600,000 + 63,000 + 267$   
C  $660,000 + 3,000 + 200 + 60 + 7$   
D  $6,000,000 + 63,000 + 200 + 67$

9 Ted and Mike are planning to hike to the summit of Mount Everest. The elevation of Mount Everest is **29,035** feet, making it the highest mountain on earth. What is the **extended form** of Mount Everest's elevation?

- A  $200,000 + 9,000 + 30 + 5$
- B  $29,000 + 30 + 5$
- C  $20,000 + 9,000 + 30 + 5$
- D  $20,000 + 9,000 + 35$

10 Cindy's favorite animals are cats. There is said to be **68,450,750** pet cats in the United States. What is the **extended form** of the number of pet cats?



- A  $68,000,000 + 400,000 + 50,000 + 700 + 50$
- B  $600,000,000 + 8,000,000 + 450,000 + 750$
- C  $60,000,000 + 8,000,000 + 400,000 + 50,000 + 700 + 50$
- D  $60,000,000 + 8,000,000 + 450,000 + 700 + 50$



## ANSWER KEY

Sally's mom drove **twenty-three thousand, seven hundred fifty** miles last year for her job. What is the **standard form** of the miles she drove?

- A 230,750
- B 23,750
- C 237,050
- D 2,375



(b)

Dan is an avid marathon runner. Over the past five years he has run a total of **six thousand, four hundred twenty** miles. What is the **standard form** of the miles Dan ran?

- A 60,420
- B 6,400,020
- C 6,420
- D 16,420



(c)

The Great Lakes are considered the largest fresh water system on earth. The largest Great Lake, Lake Superior, has a surface area of **thirty-one thousand, eight hundred twenty** square miles. What is the **standard form** of the surface area of Lake Superior?

- A 31,820
- B 318,200
- C 3,120
- D 312,000

(a)

Sam and Jane want to travel around the world. They calculated the circumference of the earth at the equator to be **twenty-four thousand, nine hundred two** miles. What is the **standard form** of the distance around the earth?

- A 24,902
- B 249,020
- C 2,492
- D 249,200



(a)



## PREVIEW

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York City's population?

- A 808,278
- B 8,008,278
- C 8,800,278
- D 8,008,2708

- A 600,000 + 60,000 + 3,000 + 200 + 60 + 7
- B 600,000 + 63,000 + 267
- C 660,000 + 3,000 + 200 + 60 + 7
- D 6,000,000 + 63,000 + 200 + 67

Ted and Mike are planning to hike to the summit of Mount Everest. The elevation of Mount Everest is **29,035** feet, making it the highest mountain on earth. What is the **extended form** of Mount Everest's elevation?

- A 200,000 + 9,000 + 30 + 5
- B 29,000 + 30 + 5
- C 20,000 + 9,000 + 30 + 5
- D 20,000 + 9,000 + 35

(c)

Cindy's favorite animals are cats. There is said to be **68,450,750** pet cats in the United States. What is the **extended form** of the number of pet cats?

- A 68,000,000 + 400,000 + 50,000 + 700 + 50
- B 600,000,000 + 8,000,000 + 450,000 + 750
- C 60,000,000 + 8,000,000 + 400,000 + 50,000 + 700 + 50
- D 60,000,000 + 8,000,000 + 450,000 + 700 + 50

(c)