



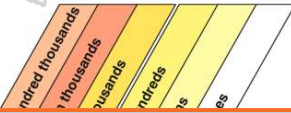
Name _____ Class _____ Date _____

1 Six hundred twenty-one in **standard form** equals _____.

- A $(6 \cdot 10^3) + (2 \cdot 10) + (1 \cdot 1)$
- B $(6 \cdot 10^2) + (2 \cdot 10) + (1 \cdot 1)$
- C $(6 \cdot 100) + (1 \cdot 10) + (2 \cdot 1)$
- D $(6 \cdot 10) + (2 \cdot 10) + (1 \cdot 1)$

3 How would the **value** of the **hundreds place** of **987,325** be written in **standard form**?

- A $(2 \cdot 10^3)$
- B $(2 \cdot 10)$
- C $(3 \cdot 10^2)$



2 What is the **value** of this expression?

$$(2 \cdot 10^4) + (1 \cdot 10^3) + (7 \cdot 10) + (6 \cdot 1)$$

- A 21,760
- B 210,760
- C 21,706
- D 21,076

4 **Eighty-one** is equal to _____ squared.

- A 9
- B 8
- C 7
- D 10

$$81 = \square^2$$

5



PREVIEW

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7

- B 3
- C 2
- D 7

$$32 = \square$$

- C 8
- D 3

9

What is 5^4 ?

$$5 \cdot 5 \cdot 5 \cdot 5$$

- A 20
- B 125
- C 11,024
- D 625

10

The expression $4^2 + 8 \cdot 9$ is equal to **216**.

- A true
- B false



ANSWER KEY

Six hundred twenty-one in **standard form** equals _____.

- A $(6 \cdot 10^3) + (2 \cdot 10) + (1 \cdot 1)$
- B $(6 \cdot 10^2) + (2 \cdot 10) + (1 \cdot 1)$
- C $(6 \cdot 100) + (1 \cdot 10) + (2 \cdot 1)$
- D $(6 \cdot 10) + (2 \cdot 10) + (1 \cdot 1)$

(b)

What is the **value** of this expression?

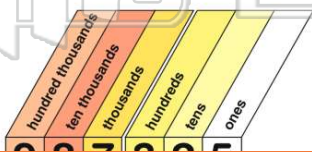
$$(2 \cdot 10^4) + (1 \cdot 10^3) + (7 \cdot 10) + (6 \cdot 1)$$

- A 21,760
- B 210,760
- C 21,706
- D 21,076

(d)

How would the **value** of the **hundreds place** of 987,325 be written in **standard form**?

- A $(2 \cdot 10^3)$
- B $(2 \cdot 10)$
- C $(3 \cdot 10^2)$
- D $(7 \cdot 10^2)$



(c)

Eighty-one is equal to _____ squared.

- A 9
- B 8
- C 7
- D 10

$$81 = \square^2$$

(a)



PREVIEW

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What is 5^4 ?

$$5 \cdot 5 \cdot 5 \cdot 5$$

- A 20
- B 125
- C 11,024
- D 625

(d)

The expression $4^2 + 8 \cdot 9$ is equal to 216.

- A true
- B false

(b)