

Name:

A.

23,514

Expanded Form

20,000				
--------	--	--	--	--

Place Value

			1×10	
--	--	--	---------------	--

Power of 10

	3×10^3			
--	-----------------	--	--	--

Number of 0s

				0
--	--	--	--	---

B.

59,687

Expanded Form

			80	
--	--	--	----	--

Place Value

	$9 \times 1,000$			
--	------------------	--	--	--

Power of 10

				7×10^0
--	--	--	--	-----------------

Number of 0s

		2		
--	--	---	--	--

Name: _____

A.

62,534

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{5 \times 10^2} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$

B.

75,463

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{3 \times 10^0}$$

Name: _____

A.

843,567

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{5 \times 10^2} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

B.

965,874

$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{7 \times 10^1} + \underline{\hspace{1cm}}$$

Name:

Problem of the Day Lesson 24

Make sense of the patterns to fill in the tables below.

Powers of 10		
1	1x1	
10		10^1
	10x10	10^2
1,000	10x10x10	
10,000		10^4
	10x10x10x10x10	10^5
1,000,000	10x10x10x10x10x10	

Powers of 3		
1		3^0
	1x3	3^1
9	3x3	
27		3^3
	3x3x3x3	3^4
243	3x3x3x3x3	
729		3^6

Name: _____

WHAT'S WRONG? - B

In each row, cross off the equation that is NOT TRUE.

Be prepared to explain your choice. Why might someone choose the "wrong" answer?

~~$4 \times (8 - 3) = 31$~~

$$4 \times (8 - 3) = 20$$

$$(7 \times 7) - 3 + 5 = 51$$

$$(7 \times 7) - 3 + 5 = 41$$

$$36 - 6 \times (20 \div 5) = 120$$

$$36 - 6 \times (20 \div 5) = 12$$

$$(18 - 10) - (14 \div 7) \times 4 = 0$$

$$(18 - 10) - (14 \div 7) \times 4 = 24$$

$$10 \times [15 \div (3 + 2) + 1] = 40$$

$$10 \times [15 \div (3 + 2) + 1] = 51$$

$$82 - [39 - (4 + 5) \div 3] \times 2 = 62$$

$$82 - [39 - (4 + 5) \div 3] \times 2 = 10$$