



She.



Read Only - Save a copy to edit.



Name: _____

Date: _____

**VALUE CHALLENGE****Identifying the Value of Digits up to 12-Digit Numbers**

Directions: Read each question carefully. Identify the value of the digit or answer what is being asked. Write your answer on the line.

**PLACE VALUE CHART (UP TO 12 DIGITS)**

Hundred Billions	Ten Billions	Billions	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
100,000,000,000	10,000,000,000	1,000,000,000	100,000,000	10,000,000	1,000,000	100,000	10,000	1,000	100	10	1

1 CHALLENGE 1: IDENTIFY THE VALUE OF THE UNDERLINED DIGITThe number is 684,305,917,248.

- a. The value of the underlined digit 6 (in 684 billion...) = _____
- b. The value of the underlined digit 3 (in ...305 million...) = _____
- c. The value of the underlined digit 9 (in ...917 thousand...) = _____
- d. The value of the underlined digit 2 (in ...248) = _____

2 CHALLENGE 2: REVERSE THINKING

A digit has a value of 70,000,000,000.

In which place is the digit located?

**3 CHALLENGE 3: MYSTERY DIGIT**

In a 12-digit number:

- ★ One digit has a value of 5,000,000.
- ★ Another digit has a value of 80,000.
- ★ Another digit has a value of 900,000,000,000.

What place values do these digits occupy?

- 5,000,000 is in the _____ place.
- 80,000 is in the _____ place.
- 900,000,000,000 is in the _____ place.

**4 CHALLENGE 4: TRUE OR FALSE?**

In the number 482,615,703,918,
the digit 5 has a greater value
than the digit 7.



True or False? _____

Why? _____

5 CHALLENGE 5: VALUE MYSTERY CHALLENGE

A 12-digit number has digits with the following values:

	+		+		+		+		+	
400,000,000,000		60,000,000,000		7,000,000,000		300,000		20		1

What number could it be?

**REFLECTION:** Circle the face that shows how you feel about today's activity.

I understood everything!



I need a little more practice.



I found it hard. I will ask for help.

