

STUDY GUIDE - UNIT 2

1. Complete the table:

STANDARD NOTATION	PRODUCT OF 10	EXPONENTIAL NOTATION
100		
	$10 * 10 * 10$	
		10^5

2. Write 4,235,098 in expanded form:

3. Convert.

If 1 pound = 16 ounces...

4 pounds = _____ ounces

12 pounds = _____ ounces

4. Sarah is packing pencils into boxes. She has 426 pencils. Each box holds 20 pencils. How many boxes does she need?

Quotient (answer): _____ remainder: _____

What does the remainder represent? _____

How many boxes does she need to pack up all the pencils? _____

What did you do with the remainder? ignore it or rounded the quotient up

Why? _____

5. $467 \times 7 =$ _____

Estimate: _____

6. $36 \times 14 =$ _____

Estimate: _____

7. $582 \div 6 =$ _____

Estimate: _____

8. $923 \div 22 =$ _____

Estimate: _____

9. Solve the following riddle.

I am a 5 digit number.

The 6 is worth 6,000.

The 2 is worth 2[10,000].

One 9 is worth 900. The other is worth 1/10 as much.

The other digit is a 3.

_____, _____

