News			ALGEBRA
Name Powers of 10 and 8			Lesson 1.4
	-		DMMON CORE STANDARD MACC.5.NBT.1.2 Inderstand the place value system.
Write in exponent form			
1. $10 \times 10 \times 10$	2. 10	0×10	3. $10 \times 10 \times 10 \times 10$
exponent form: 10 ⁵ word form: the third power of ten		ent form: orm:	exponent form: word form:
Find the value. 4 . 10 ³	5. 4 × 10 ²	6. 9 × 10 ⁴	7. 10 ¹
8. 10 ⁵	9. 5×10^1	10. 7 × 10 ³	11. 8 × 10 ⁰

Problem Solving REAL WORLD

- **12.** The moon is about 240,000 miles from Earth. What is this distance written as a whole number multiplied by a power of ten?
- 13. The sun is about 93×10^6 miles from Earth. What is this distance written as a whole number?



Lesson Check (MACC.5.NBT.1.2)

- Which of the following is NOT equivalent to "3 times the sixth power of 10?"
 - (A) 3×10^{6}
 - **B** 3,000,000
 - \bigcirc 3 × 10 × 6
 - **D** 3 × 1,000,000

2. Gary mails 10^3 flyers to clients in one week. How many flyers does Gary mail?

A	10
₿	100
\bigcirc	1,000
D	10,000

Spiral Review (Reviews MACC.4.NBT.2.5, MACC.4.NBT.2.6)

- Harley is loading 625 bags of cement onto small pallets. Each pallet holds 5 bags. How many pallets will Harley need? (Grade 4)
 - **A** 125
 - **B** 620
 - **(C)** 630
 - **D** 3,125
- Manny buys 4 boxes of straws for his restaurant. There are 500 straws in each box. How many straws does he buy? (Grade 4)
 - **A** 20,000
 - **B** 2,000
 - **C** 200
 - **D** 125

- 4. Marylou buys a package of 500 jewels to decorate 4 different pairs of jeans. She uses the same number of jewels on each pair of jeans. How many jewels will she use for each pair of jeans? (Grade 4)
 - **A** 100
 - **B** 125
 - **(C)** 200
 - **D** 2,000
- 6. Cammie goes to the gym to exercise 4 times per week. Altogether, how many times does she go to the gym in 10 weeks? (Grade 4)
 - **A** 4
 - **B** 10
 - **(C)** 20
 - **D** 40