Name _____ Date _____ Class _____

LESSON 8

Introduction to Algebra

Puzzles, Twisters & Teasers: Where Are They?

Where will you find a lobster's teeth?
Hint: ***It is called the gastric mill.***

Solve each equation. Use the inverse operation to check your answers.

1. $\frac{x}{4} = 8$ **Check:**

$4 \cdot \frac{x}{4} = 4 \cdot 8$

$\frac{32}{4} \stackrel{?}{=} 8$

$8 \stackrel{?}{=} 8$ ✓

2. $7 = \frac{y}{6}$ **Check:**

3. $\frac{z}{9} = 5$ **Check:**

4. $64 = \frac{m}{2}$ **Check:**

5. $\frac{s}{12} = 72$ **Check:**

6. $4 = \frac{n}{25}$ **Check:**

7. $\frac{b}{10} = 100$ **Check:**

To find the answer, use your solutions in the decoder:

A	B	C	D	E	F	G	H	I	J	L	M	N
864	12	100	702	21	111	209	1000	180	243	13	128	19

O	P	Q	R	S	T	U	V	W	X	Y	Z
45	150	33	40	32	42	500	22	34	116	8	23

In its _____ _____ _____ _____ _____ _____ _____.
1 2 3 4 5 6 7

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