Algebra Bellwork - September 27, 2011

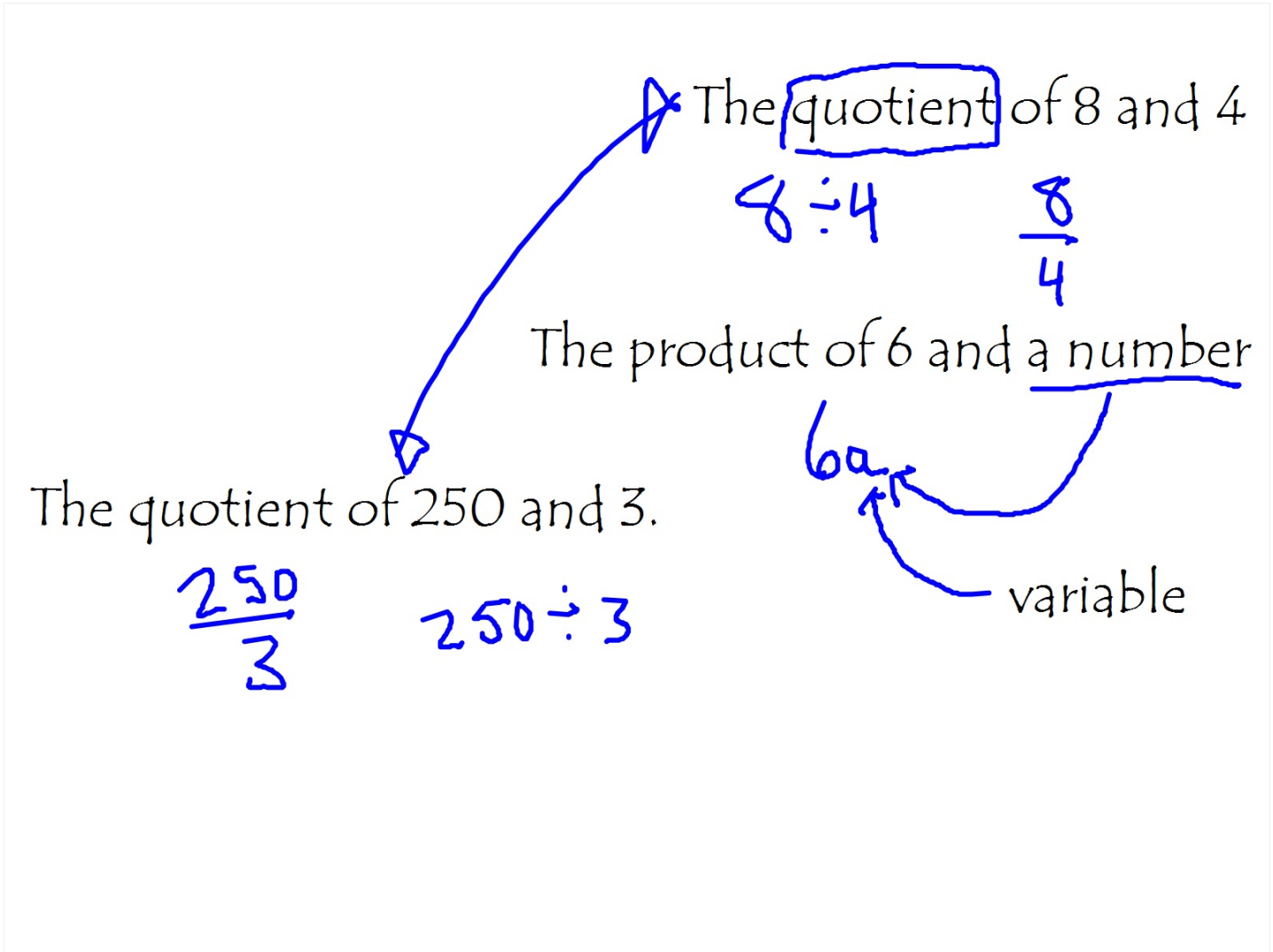
Review your notes.
Create 1 quiz questions for each of the three categories.

~~Problem solving strategies~~	1
Order of Operations	2
Using variables	3
Evaluating Expressions and Writing Equations	4
~~Adding/Subtracting fractions~~	5
~~Adding positive and negative numbers~~	6
~~Subtracting positive and negative numbers~~	7

Define a variable

C = cost

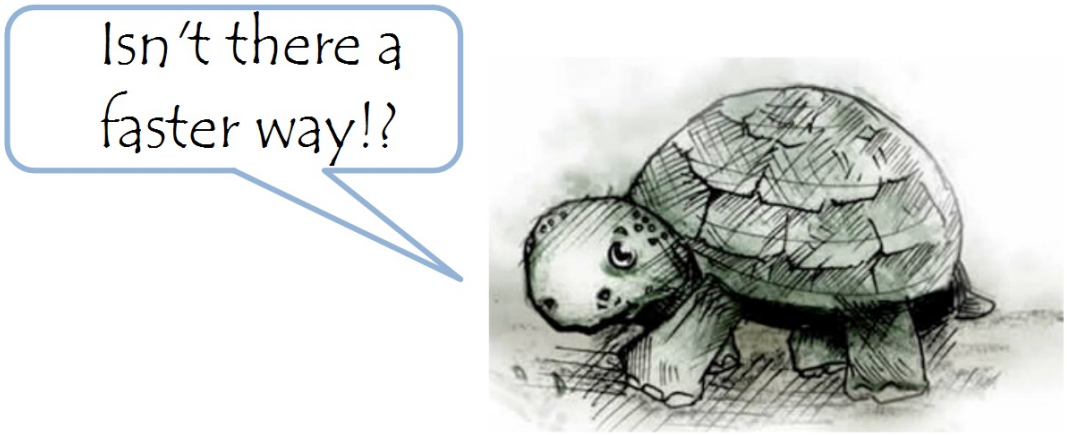
n = number of CD's


The quotient of 8 and 4
8 ÷ 4
8/4
The product of 6 and a number
6a
variable
The quotient of 250 and 3.
250/3
250 ÷ 3

Simplify each expression

1. $-12 - 12 - 12 - 12 - 12 - 12$

2. $-5 + (-5) + (-5) + (-5) + (-5)$



1. $-12 - 12 - 12 - 12 - 12 - 12$

2. $-5 + (-5) + (-5) + (-5) + (-5)$

Is there a pattern?

$2 \cdot 2 = \square$

$2 \cdot 1 = \square$

$2 \cdot 0 = \square$

$2(-1) = \square$

$2(-2) = \square$

$2(-2) = \square$

$1(-2) = \square$

$0(-2) = \square$

$-1(-2) = \square$

$-2(-2) = \square$

1. $3(-5)$ **2.** $5(-3)$ **3.** $3(5)$

4. $-3(-5)$ **5.** $8(-4.3)$ **6.** $9\left(-\frac{5}{18}\right)$

Copy and complete each table.

58.

m	$-5m$
-4	■
-1	■
2	■
■	-25

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