



KEY- Please note there are multiple answers for decompose, picture, real-life examples & variations for the number line. See Rubric.

Name: \_\_\_\_\_ Teacher \_\_\_\_\_ Date: \_\_\_\_\_

## Spring Grade 6 Number Sense (Decimals) SNAP

46.852

46.732

46.612

46.492

46.372

46.252

46.132

46.012

45.892

Count forward by .12

Draw a picture to represent the value of the number.

45.892

Key

Base 10 blocks

$1 \times 45$

$8 \times 0.1$

$9 \times 0.01$

$2 \times 0.001$

Count backward by .6 number.

45.892

45.292

44.692

44.092

43.492

42.892

42.292

41.692

41.092

Write the number in words.

Forty-One and eight hundred ninety-two thousandths

Write the number in expanded form.

$$40 + 5 + .8 + .09 + .002 = 45.892$$

Decompose the number in three ways to make three equations.

1.  $(20 \times 2) + 5 + .4 \times 2 + .092 = 45.892$

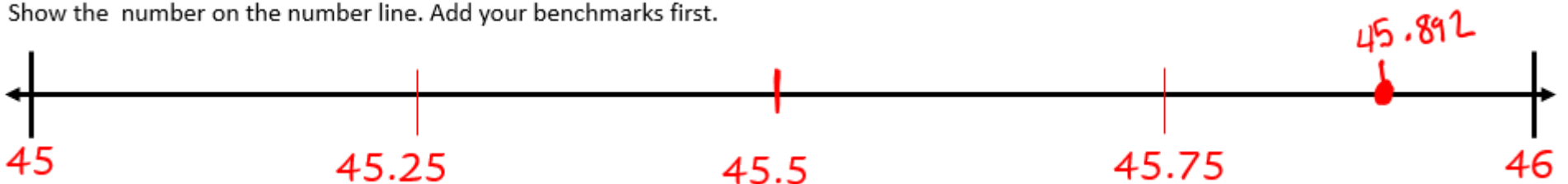
2.  $(90 \div 2) + (.45 \times 2) - .01 + .092 = 45.892$

3.  $(5 \times 9) + (1 - .108) = 45.892$

Write a real-life example that shows the value of the number.

I had 45.892 game credits on my video game.  
A bag of groceries cost \$45.89 after tax was added  
I bought a sweater from Superstore for \$45.89

Show the number on the number line. Add your benchmarks first.



Reflect:

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**Communicating & Representing:**

Draw 1 2 3  
Words 1 2 3  
Expanded Form 1 2 3

**Understanding & Solving:**

Decompose 1 2 3

**Connecting & Reflecting:**

Real-Life 1 2 3  
Reflection 1 2 3

**Reasoning & Analyzing:**

Counting Forward 1 2 3  
Counting Backwards 1 2 3  
Number Line 1 2 3

1 – Emerging

2 – Developing

3 – Proficient