

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Aim: How can we review for the Unit 2 Test?**

1. What is the decimal equivalent of  $\frac{8}{45}$ ?

2. Which number(s) below are equivalent to 7.15? Circle all that apply.

I.  $\frac{143}{20}$

II. 71.5%

III.  $7\frac{3}{20}$

3. State the **sign** of the numerical expressions when simplified. (*Hint: You do not need to evaluate*)

$(\frac{1}{3})(\frac{3}{15}) \div (-1.5)$

$(0.3)(-0.2)^2$

$\frac{1}{5} - 6\frac{1}{3}$

$-10.5 - 20$

4.  $\frac{1}{2} + 0.6 - (-3\frac{2}{5})$

5. Evaluate  $\frac{a+b}{c}$  when  $a = \frac{1}{4}$        $b = -\frac{3}{5}$        $c = \frac{1}{2}$

6. John spent \$32 on supplies for the school dance. By the end of the day, he had sold \$15.50 worth of tickets to the dance. What was his profit or loss for the day?

7. A dolphin is 30.5 feet below sea level. It swims 10.5 feet higher. What is the dolphin's elevation?

8. Order the following numbers from least to greatest.

$-\frac{9}{4}$

225%

$\frac{1}{5}$

-2.5

$0.\bar{2}$

0.225