

6th Review #34 – WORK MUST BE SHOWN FOR EACH PROBLEM – NO CALCULATORS

1. Which of the following is true? *(Show how it is true)*

A $\frac{7}{9} < 0.05$

B $\frac{3}{4} > 0.9$

C $\frac{8}{10} = 8\%$

D $\frac{2}{5} = 40\%$

2. Jason held his breath for $3\frac{3}{4}$ minutes. Kay held her breath twice as long. How much long did Kay hold her breath? *(Show how you solved the problem)*

3. Draw a model to solve the following expression:

$$\frac{5}{6} \times \frac{2}{3}$$

Name _____

4. Change the following to an improper fraction. *(Show work)*

$$7\frac{3}{8} =$$

Change the following to a mixed number. *(Show work)*

$$\frac{49}{8} =$$

5. Change each to a fraction in simplest form. *(Show how you simplified each)*

$$26\% =$$

$$0.45 =$$

$$36 \text{ to } 42 =$$

$$8:12 =$$

6. Circle all of the following that are true? *(Show how they are true)*

A $-45 < |-4|$

B $|12| = -12$

C $0 > |-18|$

D $3 < -22$

Adv. Review #34 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7. A bird is flying at 15 feet above sea level. A fish is swimming at 17 feet below sea level. What is the difference from the bird to the fish?

8. Solve the following using the rule:

$$852 + -325$$

9. Model the following expression with a number line; then solve.

$$-10 + 4$$

10.

Jasmine's shoes are shown below.



Jasmine knows that $\frac{3}{4}$ of her shoes have shoelaces. What is another way to write how many shoes have shoelaces?

- A. $\frac{2}{8}$ B. $\frac{3}{8}$ C. $\frac{6}{8}$ D. $\frac{4}{3}$