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

**7.NS.2a**

\_\_\_\_\_\_1. What is the product of ( - $\frac{1}{4}$ ) x ( - $\frac{3}{7}$ ) ? (2015)

 A. - $\frac{7}{12}$ B. - $\frac{3}{28}$ C. $\frac{3}{28}$ D. $\frac{7}{12}$

\_\_\_\_\_2. If the expression below has a positive value, which inequality represents all possible

 values of *x* in the expression? (Secondary standard 7.EE.B.4) (2017) no calculator

- 3*x*

A. *x* < 0 B. *x* > 0 C. *x* < 0 D. *x* > 0

**7.NS.2b**

\_\_\_\_\_1. The elevation at ground level is 0 feet. An elevator starts 90 feet below ground level. After

 traveling for 15 seconds, the elevator is 20 feet below ground level. Which statement

 describes the elevator’s rate of change in elevation during this 15 second interval? (2016)

A. The elevator traveled upward at a rate of 6 feet per second.

B. The elevator traveled upward at a rate of $4\frac{2}{3}$ feet per second.

C. The elevator traveled downward at a rate of 6 feet per second.

D. The elevator traveled downward at a rate of $4\frac{2}{3}$ feet per second.

**7.NS.2c**

\_\_\_\_\_1. A number, n, is multiplied by $-\frac{5}{8}$. The product is - 0.4. What is the value of n ? (2016)

 (no calculator)

 A. $ -\frac{16}{25}$ B. $-\frac{1}{4}$ C. $\frac{1}{4}$ D. $\frac{16}{25}$

\_\_\_\_\_2. What is the value of the expression? (2016) (no calculator)

$$\frac{8}{15}÷(-0.35)$$

 A. $ -\frac{75}{14}$ B. $-\frac{32}{21}$ C. $-\frac{21}{32}$ D. $-\frac{14}{75}$

\_\_\_\_\_3. What is the value of the expression$ ( \frac{8}{9} )÷( \frac{2}{3} )$ x $( 4 \frac{1}{2} )$ ? (2017)

1. - 6 B. $-\frac{8}{27}$ C. $\frac{8}{27}$ D. 6

\_\_\_\_\_4. What is the value of $\frac{3}{7} × 0.1 ÷ \frac{5}{21}$ ? (2019)

1. $\frac{1}{98}$ B. $\frac{9}{50}$ C. $\frac{9}{5}$ D. $\frac{18}{1}$

 **7.NS.2d**

\_\_\_\_\_1. What is the decimal equivalent of $\frac{7}{8}$ ? (2015)

A. 0.780 B. 0.870 C. 0.875 D. 0.885

\_\_\_\_\_2. Which number is equivalent to $\frac{43}{12}$ ? (2017) no calculator

A. 3.583 B. 3.583 C. 3.583 D. 3.583

\_\_\_\_\_3. Which statement describes the decimal equivalent of $\frac{7}{8}$ ? (2017) no calculator

1. It is a decimal with a repeating digit of 5
2. It is a decimal with repeating digits of 75
3. It is a decimal that terminates after 2 decimal places
4. It is a decimal that terminates after 3 decimal places

\_\_\_\_\_4. What is the decimal equivalent of the fraction $\frac{8}{15}$ ? (2018)

A. 0.53 B. 0.53 C. 0.53 D. 0.533

 

\_\_\_\_\_5. What is the exact decimal equivalent of $\frac{7}{12}$ ? (2019)

A. 0.583 B. 0.583 C. 1.714 D. 1.714

6. Convert $\frac{3}{11}$ to a decimal equivalent using long division. (2014)

 ***Show your work.***

 ***Answer \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***