Answers to the Pre-Assessment

1. C 9. A

5. 265

2. B

10. C

6. x - 6

3. A

11. C

7. 8x + 3

4. B

Short Answer

7. OX . C

5. A

1. 5 - 15v

Essay 1. x + 5

6. C

2. 5r +17

2. 2t + 66

7. A

3. 57

8. D

4. 42

Do Now: Write the fraction or mixed number as a decimal.

1. 3 1/8

3.8 = 25

8/25

2. 69/11

5.5 Fractions and Decimals

7.NS 7.EE

- SWBAT write fractions as decimals and decimals as fractions.
- SWBAT understand numbers; compute fluently.
- Calculators: No

Writing Terminating Decimals as Fractions

To write a terminating decimal as a fraction, use the place value of the decimal's last digit to determine the denominator.

$$\frac{4}{10} = \frac{2}{5}$$

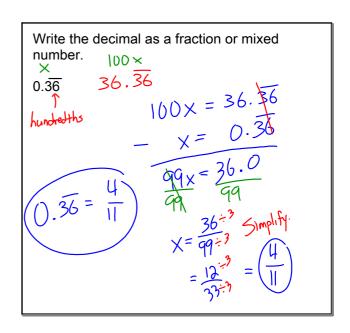


Simplify (if possible)

Write Repeating Decimals as a Fraction

To write a repeating decimal as a fraction, form two equivalent equations by multiplying a power of 10. Then subtract the equations.

a.
$$0.\overline{48} = 0.48484848...$$
 $100 \times = 48.\overline{48}$
 1



Order the rational numbers from least to greatest.

-5/4 -0.2 4.31 -3 5/2 -13/3

Exit Pass 5.5

Describe and correct the error in writing the repeating decimal 14.1232323... using a bar.





"Don't blame the sea if you cannot catch a fish."

Working individually, with a partner, or small group, complete the workbook assignment.

Workbook

pg. 69-70 #1-10, 12, 20-27



Reflection of Today's Lesson

5.5 Fractions and Decimals

7.NS 7.EE

- SWBAT write fractions as decimals and decimals as fractions
- SWBAT understand numbers; compute fluently.
- Calculators: No

<u>Homework</u>

Finish the workbook assignment

