



Name: _____

Date: _____

Daily Lesson**Whole Numbers, Fractions, Decimal Numbers and Percents**

Convert the fractions to decimals. Round to ten thousandths.

1. $\frac{34}{56} =$

2. $5\frac{20}{42} =$

3. $\frac{17}{30} =$

4. $1\frac{13}{15} =$

5. $\frac{75}{100} =$

6. $2\frac{46}{68} =$

Convert the decimals to fractions. Reduce to lowest terms.

7. $3.78 =$

8. $2.14 =$

9. $0.975 =$

10. $10.56 =$

11. $99.\overline{6} =$

6. $13.12 =$

13. Which choice is equivalent to 25%?

a. 0.25 and $\frac{1}{4}$

b. 0.25 and $\frac{25}{40}$

c. 2.5 and $\frac{1}{4}$

14. Which choice is equivalent to $5\frac{1}{8}$?

a. 5.125 and 5.125%

b. 512.5 and 5.125%

c. 5.125 and 512.5%

15. Which choice is equivalent to 4.87?

a. 4.87% and $4\frac{8}{7}$

b. 4.87% and $4\frac{87}{100}$

c. 48.7% and $4\frac{7}{8}$

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Reteach Lesson

Whole Numbers, Fractions, Decimal Numbers and Percents

Match Column A with Column B. Then, on the lines below the matching, spell the word formed by the letters.

Column A

_____ $\frac{2}{10}$

_____ 0.33

_____ $3\frac{2}{3}$

_____ 0.0567

_____ 78%

_____ 8.95%

_____ 50%

_____ $\frac{7}{50}$

_____ 0.01935

_____ $\frac{5}{8}$

_____ 0.25

_____ $6\frac{9}{10}$

_____ 23%

_____ 25.25%

_____ $16\frac{3}{4}$

Column B

a. 33%

&. $\frac{1}{2}$

e. 19.35%

i. $\frac{25}{100}$

o. $\frac{39}{50}$

a. $\frac{23}{100}$

s. 16.75

r. 0.2

d. 0.14

t. $3.\overline{6}\%$

m. 6.9

s. $8\frac{19}{20}\%$

l. $25\frac{1}{4}\%$

c. 0.625

i. 5.67%

Spell the words from the matching.

F.L.I.P.S.

The Three Rock Climbers

Tad and his two friends – Diego and Cory have entered the rock wall climbing contest at Sweat-a-lot Fitness Center. The friends have never tried rock climbing before, so this is quite the challenge for the three amigos. In order to monitor the progress of their new sport, they have all decided to keep a record of how high they are able to climb during each practice session before the official competition begins. The wall is ten meters high. Here is what the three friends wrote down on their climbing logs for the first four days:



Tad: Day 1: $2\frac{1}{2}$ meters
 Day 2: $3\frac{3}{4}$ meters
 Day 3: $5\frac{5}{8}$ meters
 Day 4: $6\frac{7}{8}$ meters

Diego: Day 1: 1.6 meters
 Day 2: 2.8 meters
 Day 3: 3.2 meters
 Day 4: 4.9 meters

Cory: Day 1: 25 % of the wall
 Day 2: 33 % of the wall
 Day 3: 56 % of the wall
 Day 4: 62 % of the wall

As you can see, all three friends recorded their heights differently. They need your help. How can they create one large data display to show how each of them progressed during the first four days? How should they label each person's measurements accurately?

Choose and create a data display that will show the climbing information of the three friends.

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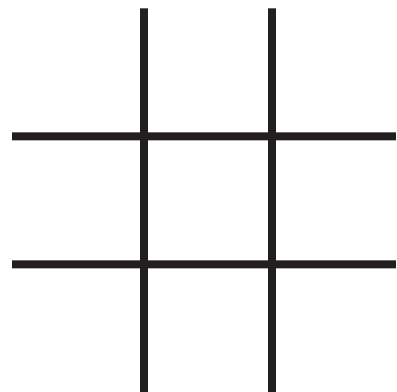
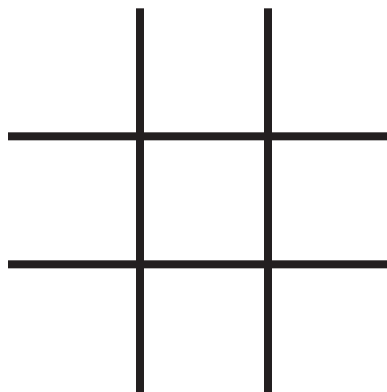
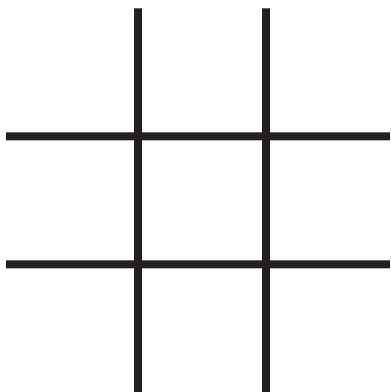
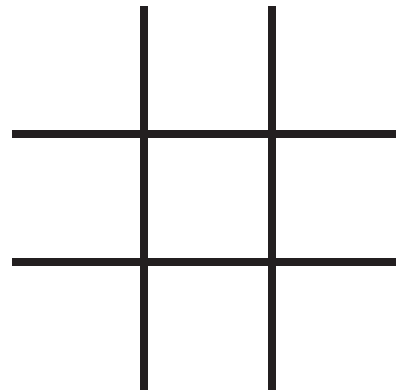
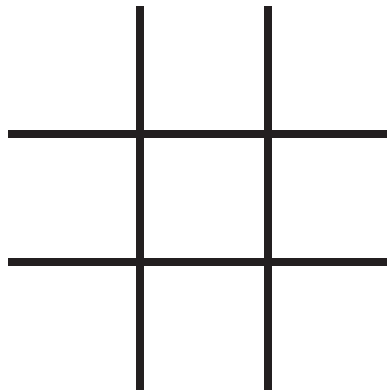
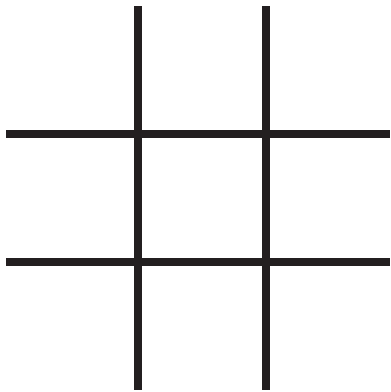
Home Connection

Whole Numbers, Fractions, Decimal Numbers, and Percents

Create tic-tac-toe boards which have at least one set of three equivalent fractions-decimal number-percent combinations. Numbers may not be repeated.

Example

$\frac{1}{4}$	32%	0.6
80%	0.25	$\frac{3}{4}$
1.5	$\frac{1}{2}$	25%



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