Decimal Dice

Use this printable with these dice. Click here or on the image to purchase the dice from Amazon.com.

Decimal Practice with Dice

Name: _____ Date: _____

Directions: Use the decimal dice to complete the problems.

COMPARING DECIMALS:

Roll two decimals. Record the decimals on the blank lines and then compare the decimals using <, >, or =. Repeat this four times.

1.) _____ _____ 2.) _____ _____

1.) _____ _____ 2.) _____ _____

ROUNDING DECIMALS

Roll one decimal. Round the number you roll to the nearest tenths place and ones place. Repeat this twice.

1.) _____ Rounded to the tenths place: _____ Rounded to the ones place: _____

2.) _____ Rounded to the tenths place: _____ Rounded to the ones place: _____

ADDING AND SUBTRACTING DECIMALS

Roll two decimals and add them. Then, subtract the smaller decimal from the larger decimal. Repeat this two times. Show all of your work.

1.) _____ + _____ =

2.) _____ - _____ =

3.) _____ + _____ =

4.) _____ - _____ =

WORK SPACE (USE THE BACK IF NEEDED)

Place Value Dice

Use these printables with these dice. Click here or on the image to purchase the dice from

Multiplying with the Powers of 10

Name: _____ Date: _____

Directions: Use the dice to complete the problems. Roll the dice and record the number rolled in the blank space of the equation. Solve the equation.

1.) 4 x _____ =

2.) 2 x _____ =

3.) 6 x _____ =

4.) 3 x _____ =

5.) 7 x _____ =

6.) 8 x _____ =

7.) 5 x _____ =

8.) 90 x _____ =

VERSION A

Multiplying with the Powers of 10

Name: _____ Date: _____

Directions: Use the dice to complete the problems. Roll the dice and record the number rolled in the blank space of the equation. Solve the equation.

1.) 40 x _____ =

2.) 20 x _____ =

3.) 60 x _____ =

4.) 30 x _____ =

5.) 70 x _____ =

6.) 80 x _____ =

7.) 50 x _____ =

8.) 90 x _____ =

VERSION B

Multiplying with the Powers of 10

Name: _____ Date: _____

Directions: Use the dice to complete the problems. Roll the dice and record the number rolled in the blank space of the equation. Solve the equation.

1.) 400 x _____ =

2.) 200 x _____ =

3.) 600 x _____ =

4.) 300 x _____ =

5.) 700 x _____ =

6.) 800 x _____ =

7.) 500 x _____ =

8.) 900 x _____ =

VERSION C

Dividing by the Powers of 10

Name: _____ Date: _____

Directions: Use the dice to complete the problems. Roll the dice and record the number rolled in the blank space of the equation. Solve the equation.

1.) _____ ÷ 10 =

2.) _____ ÷ 100 =

3.) _____ ÷ 10 =

4.) _____ ÷ 1,000 =

5.) _____ ÷ 100 =

6.) _____ ÷ 10 =

7.) _____ ÷ 1,000 =

8.) _____ ÷ 100 =

VERSION A

Dividing by the Powers of 10

Name: _____ Date: _____

Directions: Use the dice to complete the problems. Roll the dice and record the number rolled in the blank space of the equation. Solve the equation.

1.) _____ $\div 10^2 =$

2.) _____ $\div 10^1 =$

3.) _____ $\div 10^3 =$

4.) _____ $\div 10^2 =$

5.) _____ $\div 10^3 =$

6.) _____ $\div 10^2 =$

7.) _____ $\div 10^4 =$

8.) _____ $\div 10^1 =$

VERSION B

Expanded Form of Whole Numbers

Name: _____ Date: _____

Directions: Use all four colors of dice. Roll each dice and write the numbers you rolled in the appropriate blanks to create the expanded form of a number. Write the standard and word form of the number you rolled.

1.) ___, ___ ___ ___ + ___ ___ ___ + ___ ___ + ___ =

Standard Form:

Word Form:

2.) ___, ___ ___ ___ + ___ ___ ___ + ___ ___ + ___ =

Standard Form:

Word Form:

3.) ___, ___ ___ ___ + ___ ___ ___ + ___ ___ + ___ =

Standard Form:

Word Form:

4.) ___, ___ ___ ___ + ___ ___ ___ + ___ ___ + ___ =

Standard Form:

Word Form:

Place Value Foam Disks

Use these printables with these place value foam chips. Click here or on the image to purchase the foam chips from Amazon.com.

Expanded Form with Place Value Disks

Name: _____ Date: _____

Directions: Use the place value disks to create each number. Then, use the disks to help you write the expanded form of the number.

1.) 326,524

2.) 674,104

3.) 74,105

4.) 189,603

5.) 274,896

6.) 334,014

7.) 207,896

8.) 142,796

VERSION A

Expanded Form with Place Value Disks

Name: _____ Date: _____

Directions: Use the place value disks to create each number. Then, use the disks to help you write the expanded form of the number.

1.) 14.96

2.) 312.04

3.) 0.96

4.) 32.54

5.) 7,000.03

6.) 374.12

7.) 2,742.23

8.) 10,845.2

VERSION B

Fraction Dice

Use these printables with these dice. Click here or on the image to purchase the dice from Amazon.com.

Fraction Practice with Dice

Name: _____ Date: _____

Directions: Use the fraction dice to complete the problems.

COMPARING FRACTIONS:

Roll two fractions and record the fractions on the blank lines. Compare the fractions using <, >, or =. Repeat this four times.

1.) _____ _____ 2.) _____ _____

1.) _____ _____ 2.) _____ _____

ADDING AND SUBTRACTING FRACTIONS

Roll two fractions and add them. Then, subtract the smaller fraction from the larger fraction. Repeat this two times. Show all of your work.

1.) _____ + _____ =

2.) _____ - _____ =

3.) _____ + _____ =

4.) _____ - _____ =

WORK SPACE (USE THE BACK IF NEEDED)

Fraction Practice with Dice

Name: _____ Date: _____

MULTIPLYING FRACTIONS

Roll two fractions and record them on the blank lines of the equation. Multiply the fractions. Write the answer in simplest form. Repeat this six times. Show all of your work.

1.) _____ x _____ =

2.) _____ x _____ =

3.) _____ x _____ =

4.) _____ x _____ =

5.) _____ x _____ =

6.) _____ x _____ =

ADDITIONAL WORK SPACE

Operation Dice

Use this center with the operation dice. Click here or on the image to purchase the dice from Amazon.com.

Operation Dice

Directions: Choose two number cards. Roll the dice. Use the key to determine what to do next.

If you roll +, -, or x, complete the operation with the two numbers.

If you roll ÷, round each number to the largest place value and then divide.

If you roll =, <, or <, place the dice between the two numbers. Then determine the sign is true or not. Prove your answer.

14.32

0.52

0.62

3.14

0.41

2.32

3.4

2.01

0.84

0.15

2.9

17.3

0.75

0.06

0.4

41.2

12.01

10.75

0.68

1.09

2.7

18.4

20.9

21.3

1.34

0.63

0.78

2.14

0.53

0.49

Linking Cubes

Use these printables with the linking cubes. Click here or on the image to purchase the linking cubes from Amazon.com.

Build a Rectangular Prism

Name: _____ Date: _____

Directions: Use 24 unit cubes to build as many rectangular prisms as possible with a volume of 24 cubic units.

After you build your rectangular prisms, record the dimensions in the table below.

Length	Width	Height

Build a Rectangular Prism

Name: _____ Date: _____

Directions: Use 36 unit cubes to build as many rectangular prisms as possible with a volume of 36 cubic units.

After you build your rectangular prisms, record the dimensions in the table below.

Length	Width	Height

Follow my blog for updates and freebies.

Thanks!
Jennifer Findley

Credits:

KG Fonts

graphics FROM THE POND
http://frompond.blogspot.com