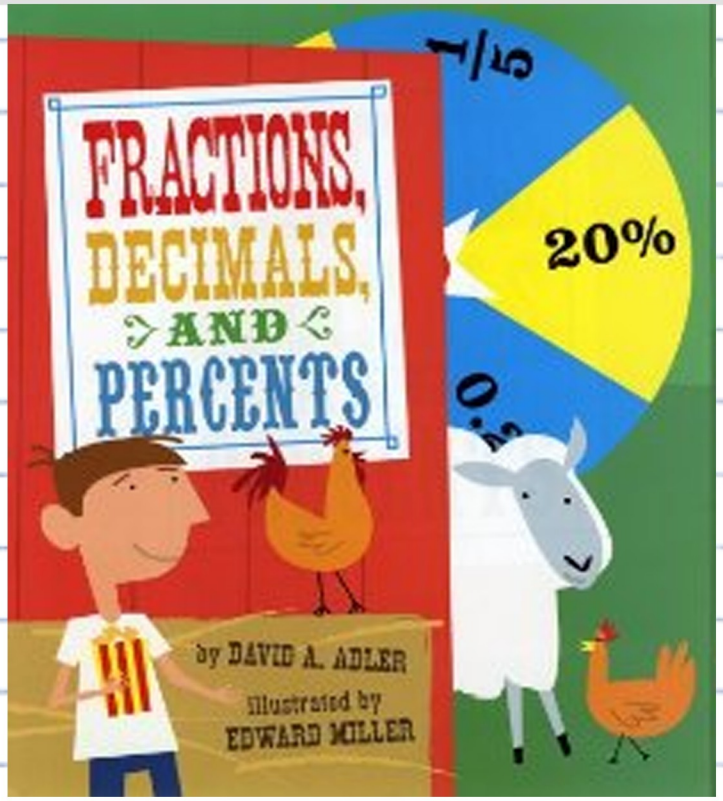
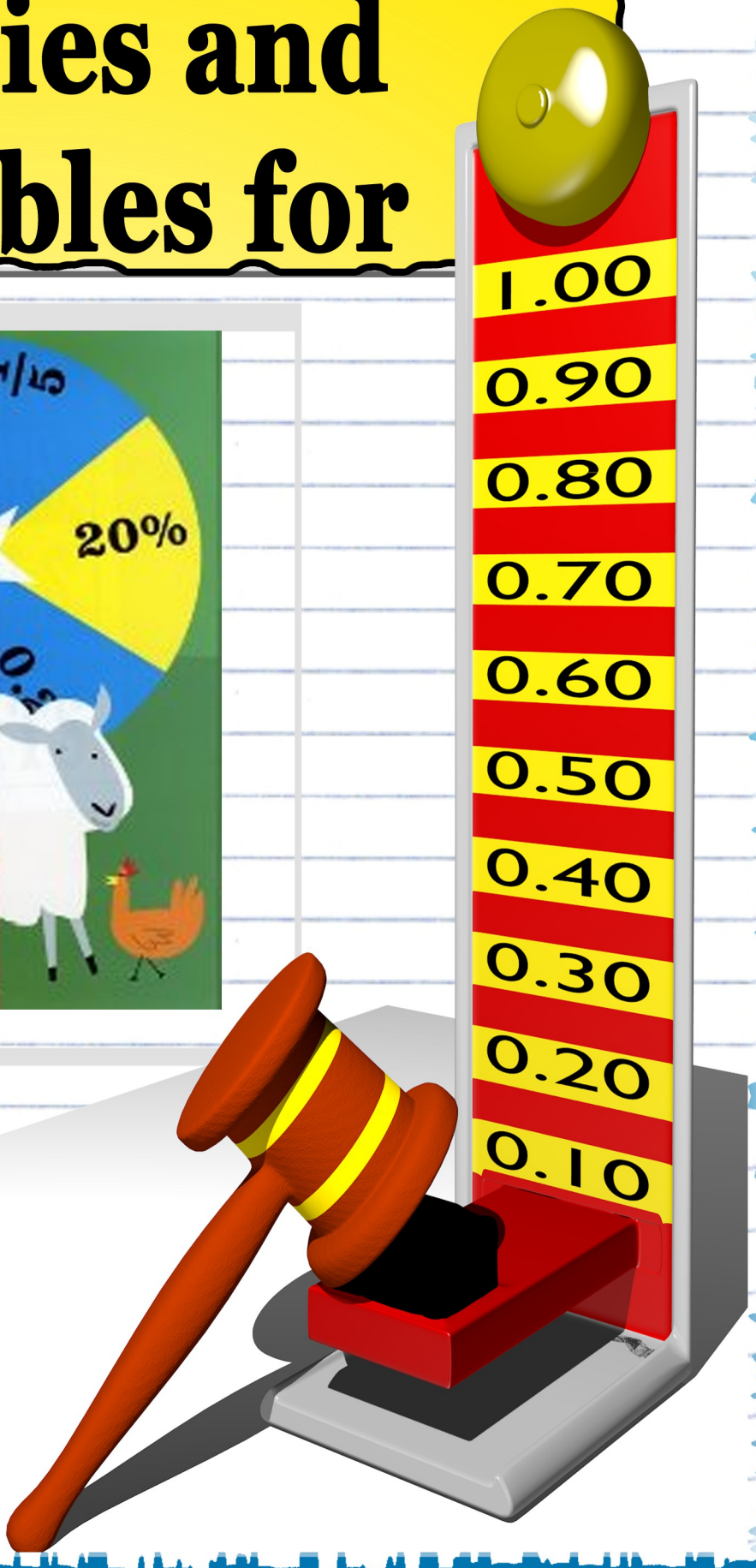
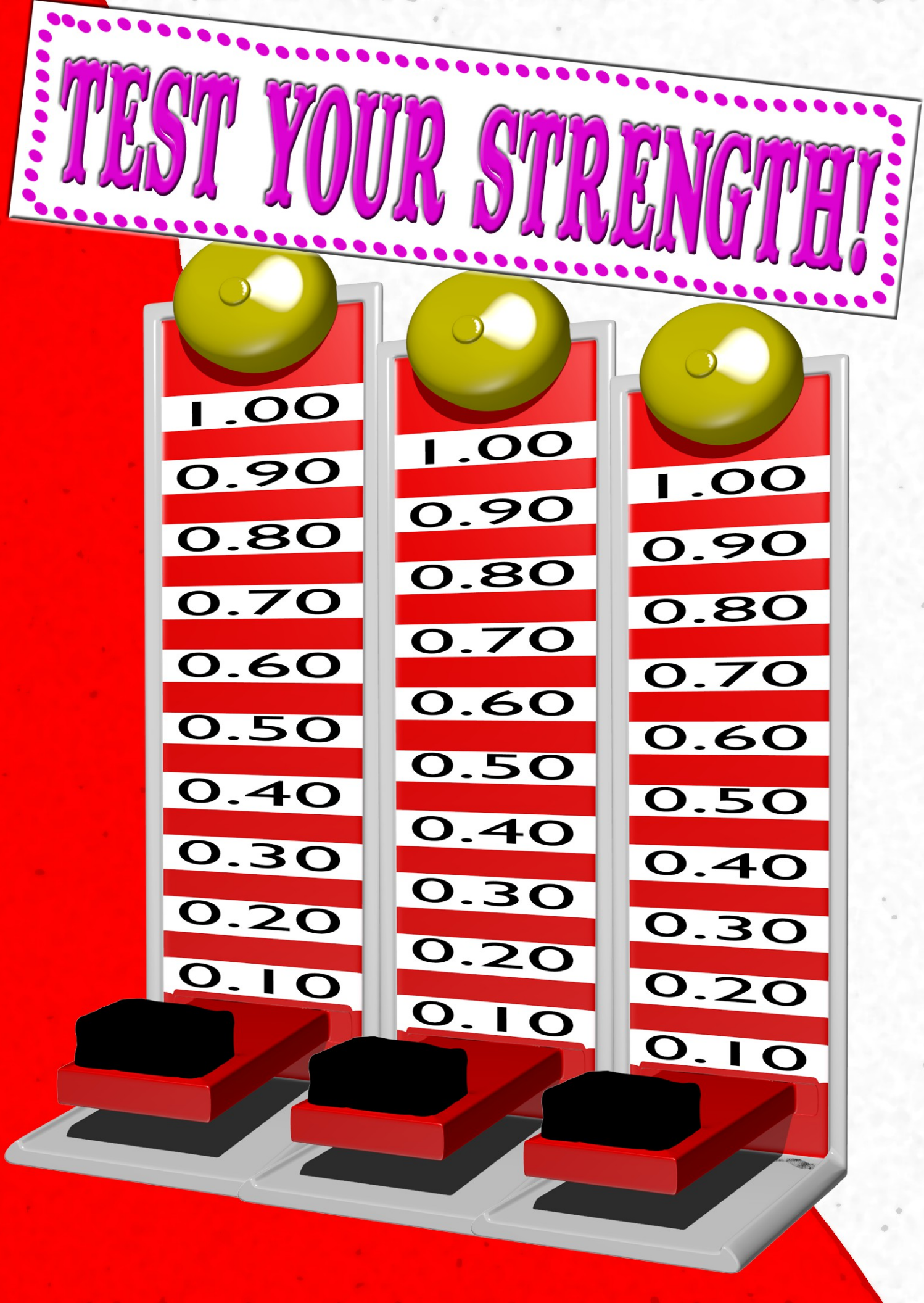
Activities and Printables for





Kaylee's Education Studio


TEST YOUR STRENGTH!
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
1.00
0.90
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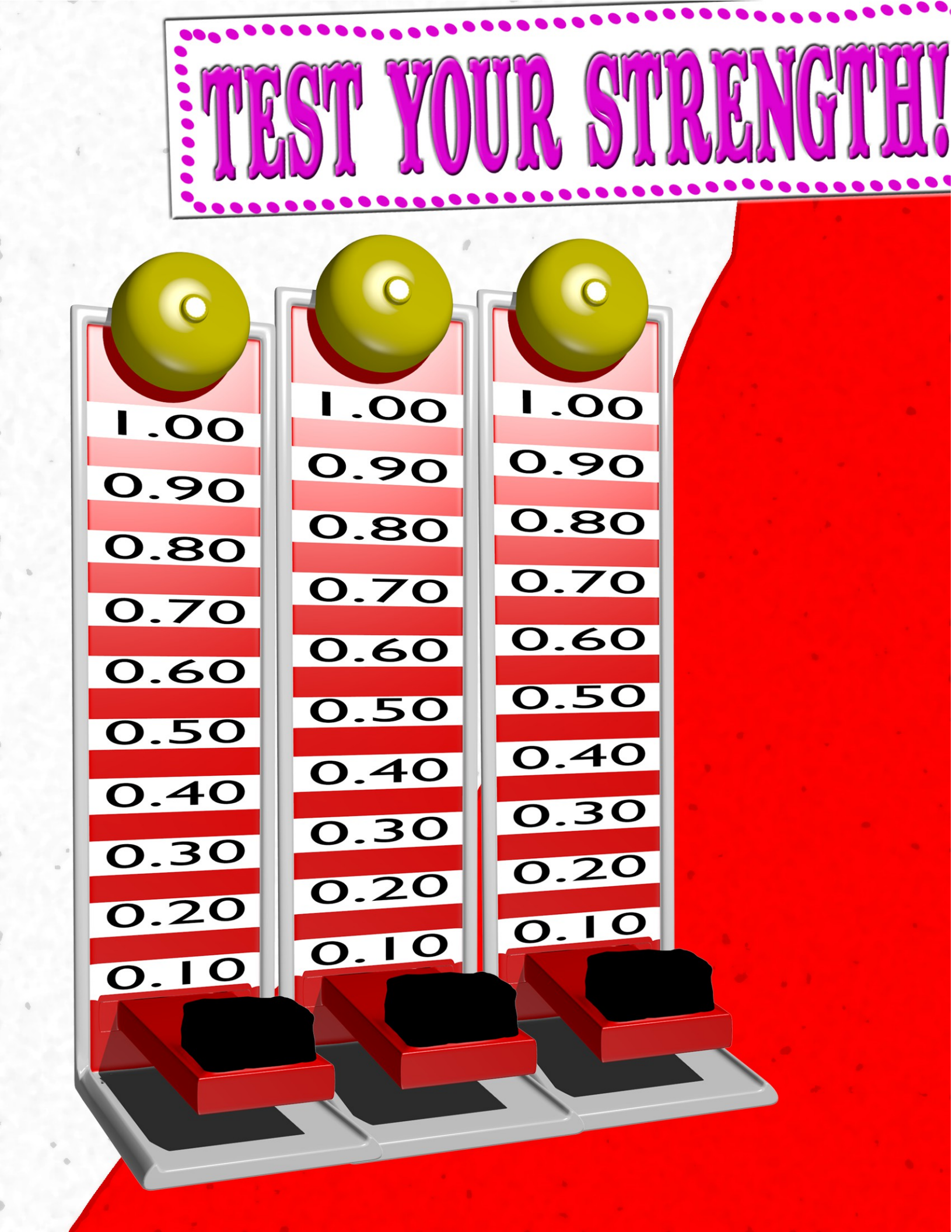
TEST YOUR STRENGTH!
1.00
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$\frac{70}{100}$

$\frac{70}{100}$

$\frac{80}{100}$

$\frac{80}{100}$

$\frac{90}{100}$

$\frac{90}{100}$

Directions

Players

2 players

Materials

2 dry erase markers
Game-boards
Playing cards

Making the Game

1. Print and cut out the game-boards, playing cards, and recording sheet.

2. Laminate the game boards. (You can then use dry erase markers on them.)

3. When storing the game you can place the playing cards in an envelope and then place the game in a folder.

Playing the game

1. Each player draws 3 hammer cards from the pile.

2. The players choose one of their cards and mark that amount on the first test your strength game.

3. If a player has another card that will let them reach the bell they can finish coloring the first test your strength game. If they don't have a hammer that will reach the bell then their turn is over.

4. Players take turns drawing more cards until they can reach the bell on their game.

5. Once a player completes one of their three games then they can pick another card from their hand and start coloring the next one.

6. Play continues until the first player has reached the bell on all 3 of the test your strength games.

Name: _____

TIC ★ TAC ★ TOE

Directions – Circle the (fraction, percentage, and decimal) that are the same number.

$\frac{12}{100}$	0.63	12%
$\frac{63}{100}$	63%	$\frac{63}{100}$
0.12	$\frac{12}{100}$	12%

0.49	$\frac{99}{100}$	$\frac{89}{100}$
$\frac{99}{100}$	99%	$\frac{49}{100}$
0.89	0.99	99%

0.74	$\frac{39}{100}$	39%
47%	$\frac{74}{100}$	$\frac{47}{100}$
$\frac{74}{100}$	0.39	74%

0.56	$\frac{66}{100}$	%19
$\frac{65}{100}$	%66	$\frac{91}{100}$
%65	0.66	0.91

0.10	10%	$\frac{1}{100}$
1%	0.01	$\frac{1}{100}$
1.00	$\frac{100}{1000}$	100%

0.22	42%	$\frac{24}{100}$
$\frac{42}{100}$	24%	0.42
0.24	$\frac{22}{100}$	22%

0.13	$\frac{13}{100}$	36%
$\frac{33}{100}$	13%	0.36
0.33	33%	$\frac{36}{100}$

14%	$\frac{48}{100}$	.048
$\frac{14}{100}$	48%	0.14
40%	0.48	$\frac{40}{100}$

$\frac{15}{100}$	15%	0.05
0.50	50%	$\frac{50}{100}$
$\frac{5}{100}$	5%	0.15

ANSWER Key

TIC ★ TAC ★ TOE

Directions – Circle the (fraction, percentage, and decimal) that are the same number.

$\frac{12}{100}$	0.63	12%
$\frac{63}{100}$	63%	$\frac{63}{100}$
0.12	$\frac{12}{100}$	12%

0.49	$\frac{99}{100}$	$\frac{89}{100}$
$\frac{99}{100}$	99%	$\frac{49}{100}$
0.89	0.99	99%

0.74	$\frac{39}{100}$	39%
47%	$\frac{74}{100}$	$\frac{47}{100}$
$\frac{74}{100}$	0.39	74%

0.56	$\frac{66}{100}$	%19
$\frac{65}{100}$	%66	$\frac{91}{100}$
%65	0.66	0.91

0.10	10%	$\frac{1}{100}$
1%	0.01	$\frac{1}{100}$
1.00	$\frac{100}{1000}$	100%

0.22	42%	$\frac{24}{100}$
$\frac{42}{100}$	24%	0.42
0.24	$\frac{22}{100}$	22%

0.13	$\frac{13}{100}$	36%
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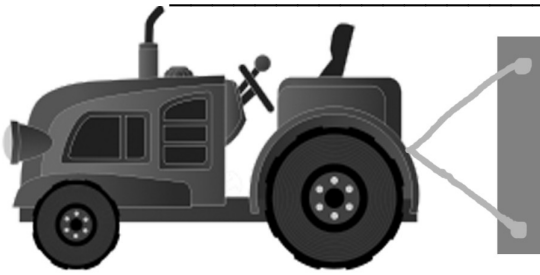
14%	$\frac{48}{100}$	.048
$\frac{14}{100}$	48%	0.14
40%	0.48	$\frac{40}{100}$

$\frac{15}{100}$	15%	0.05
0.50	50%	$\frac{50}{100}$
$\frac{5}{100}$	5%	0.15

Name: _____



COUNTY AUCTION

$860.30

1. How many **tens** does the cow cost? _____

$401.01

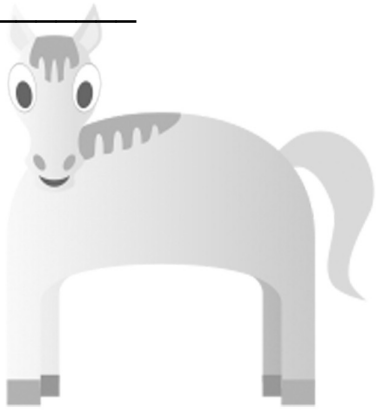
2. How many **hundredths** does the sheep cost? _____

$78.52

3. How many **ones** does the chicken cost? _____

$1,084.44

4. How many **tenths** does the horse cost? _____



$3,411.99

5. How many hundreds does the horse cost? _____

6. Which animal cost the most **hundreds**? _____

7. Which animal cost the least amount of **tenths**? _____

8. Which animal cost the most **ones**? _____

ANSWER Key

COUNTY AUCTION

$860.30

$401.01

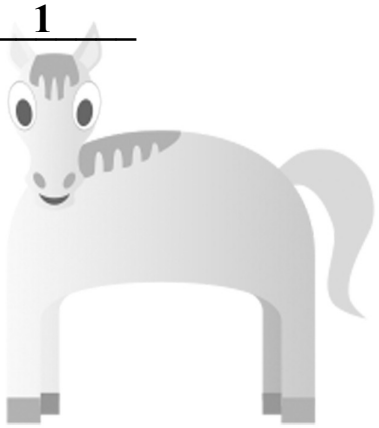
$78.52

1. How many **tens** does the cow cost? **6**

2. How many **hundredths** does the sheep cost? **1**

3. How many **ones** does the chicken cost? **8**

$1,084.44



$3,411.99

4. How many **tenths** does the horse cost? **4**

5. How many hundreds does the horse cost? **4**

6. Which animal cost the most **hundreds**? **cow**

7. Which animal cost the least amount of **tenths**? **sheep**

8. Which animal cost the most **ones**? **chicken**

Name: _____

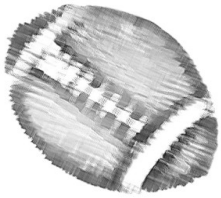
WE'RE HAVING A SALE

Each of the following carnival toys usually costs $1.00 but today each item is for sale. Figure out how much each item costs now.

20% off

Price _____

60% off



Price _____

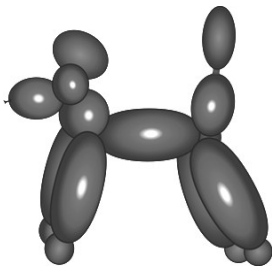
70% off

Price _____

30% off

Price _____

40% off

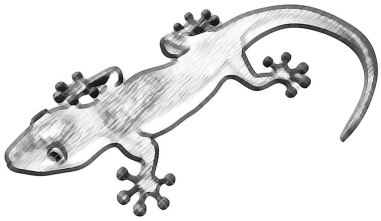


Price _____

50% off

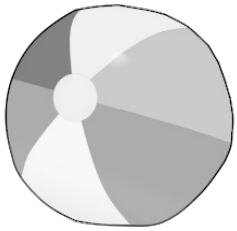
Price _____

80% off



Price _____

10% off



Price _____

90% off

Price _____

If you only had one dollar what is the most toys that you could buy?

ANSWER Key

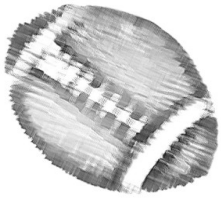
WE'RE HAVING A SALE

Each of the following carnival toys usually costs $1.00 but today each item is for sale. Figure out how much each item costs now.

20% off

Price **$0.80**

60% off



Price **$0.40**

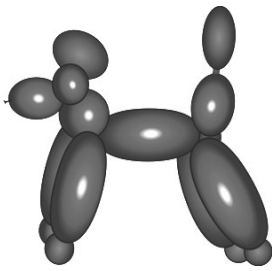
70% off

Price **$0.30**

30% off

Price **$0.70**

40% off

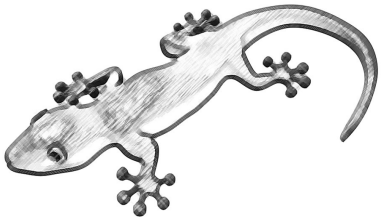


Price **$0.60**

50% off

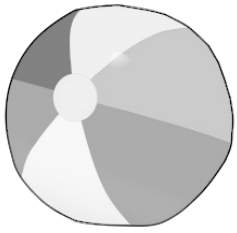
Price **$0.50**

80% off



Price **$0.20**

10% off



Price **$0.90**

90% off

Price **$0.10**

If you only had one dollar what is the most toys that you could buy? **4**

Name: _____

MONEY BOX

Count the money in each box and write the amount as a decimal, percentage and fraction of a dollar.

1.

$0.56 _____ of a dollar

56% _____ of a dollar

$\frac{56}{100}$ _____ of a dollar

2.

_____ _____ of a dollar _____ of a dollar

3.

_____ _____ of a dollar _____ of a dollar

4.

_____ _____ of a dollar _____ of a dollar

EXTRA If a ticket to get into the carnival costs a dollar how much more would you need for each box?

1. ☐ Write as a decimal

2. ☐ Write as a percentage of a dollar.

3. ☐ Write as a fraction of a dollar.

4. ☐ Your Choice!

ANSWER Key

MONEY BOX

Count the money in each box and write the amount as a decimal, percentage and fraction of a dollar.

1.

$0.56 — 56% of a dollar — $\frac{56}{100}$ of a dollar

2.

$0.61 — 61% of a dollar — $\frac{61}{100}$ of a dollar

3.

$0.48 — 48% of a dollar — $\frac{48}{100}$ of a dollar

4.

$0.87 — 87% of a dollar — $\frac{87}{100}$ of a dollar

EXTRA If a ticket to get into the carnival costs a dollar how much more would you need for each box?

1. $0.13 — Write as a decimal
2. 39% — Write as a percentage of a dollar.
3. $\frac{52}{100}$ — Write as a fraction of a dollar.
4. $\frac{13}{100}$ — Your Choice!

MONEY BOX MATH CENTER

Preparation

1. Get 4-6 small boxes.

2. Place different amounts of coins in each of the boxes.

3. Print out recording sheets, and place pencils at the station.

4. Place a number label on each of the boxes.

Directions

1. Choose a box and write the number of the box on your paper.

2. Count the money inside of the box.

3. Write the amount of money in the box as a decimal, a percentage, and a fraction.

4. Repeat with the other boxes.

Name: _____ Date: _____

MONEY BOX

Count the money in each of the boxes and write the amount as a decimal, fraction, and a percentage. Don't forget to include the box number!

Box Number	Decimal	Fraction	Percentage

Your name goes here

THE MAGNIFICENT MATHEMATICIAN

Changing fractions into percents or decimals.

$\frac{1}{3}$ **Numerator** / **Denominator**

Step 1 Change the numerator into a deciamal. 1 → 1.00

Step 2 Divide the numerator by the denominator. $3\overline{)1.00}$

1. $\frac{2}{3}$ → ____ / ____

Decimal _____

2. $\frac{3}{5}$ ____ / ____

Percentage_____

3. $\frac{2}{5}$ ____ / ____

Decimal _____

4. $\frac{1}{4}$ ____ / ____

Percentage_____

5. $\frac{5}{6}$ ____ / ____

Decimal _____

6. $\frac{3}{6}$ ____ / ____

Percentage_____

ANSWER Key

Your name goes here

THE MAGNIFICENT MATHEMATICIAN

Changing fractions into percents or decimals.

$\frac{1}{3}$ **Numerator** / **Denominator**

Step 1 Change the numerator into a deciamal. 1 → 1.00

Step 2 Divide the numerator by the denominator. $3\overline{)1.00}$

1. $\frac{2}{3}$

Decimal .67

2. $\frac{3}{5}$

Percentage 60 %

3. $\frac{2}{5}$

Decimal .40

4. $\frac{1}{4}$

Percentage 25 %

5. $\frac{5}{6}$

Decimal .83

6. $\frac{3}{6}$

Percentage 50 %

Your name goes here

THE MAGNIFICENT MATHEMATICIAN

Changing fractions into percents or decimals.

$\frac{1}{3}$ **Numerator** / **Denominator**

Step 1 Change the numerator into a deciamal. 1 → 1.00

Step 2 Divide the numerator by the denominator. $3\overline{)1.00}$

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

Decimal _____

2. $\frac{3}{3}$

Percentage_____

3. $\frac{3}{4}$

Decimal _____

4. $\frac{4}{5}$

Percentage_____

5. $\frac{2}{8}$

Decimal _____

6. $\frac{3}{8}$

Percentage_____

Your name goes here

ANSWER Key

THE MAGNIFICENT MATHEMATICIAN

Changing fractions into percents or decimals.

$\frac{1}{3}$ **Numerator** / **Denominator**

Step 1 Change the numerator into a deciamal. 1 → 1.00

Step 2 Divide the numerator by the denominator. $3\overline{)1.00}$

1. $\frac{1}{2}$ → ___ / ___

Decimal .50

2. $\frac{3}{3}$ = ___ / ___

Percentage 100 %

3. $\frac{3}{4}$ = ___ / ___

Decimal .75

4. $\frac{4}{5}$ = ___ / ___

Percentage 80 %

5. $\frac{2}{8}$ = ___ / ___

Decimal .25

6. $\frac{3}{8}$ = ___ / ___

Percentage 38 %

Name: _____ Date: _____

FRACTION SCAVENGER HUNT

Look around and find 4 different fractions, decimals, or percents. Describe where you found them. If you find a fraction convert it into a decimal or percent. If you find a decimal change it into a fraction and a percent. If you find a percent change it into a fraction or decimal.

Fraction, Percentage, or Decimal	I found it _____ _____		
	Fraction	Decimal	Percent

Fraction, Percentage, or Decimal	I found it _____ _____		
	Fraction	Decimal	Percent

Fraction, Percentage, or Decimal	I found it _____ _____		
	Fraction	Decimal	Percent

Fraction, Percentage, or Decimal	I found it _____ _____		
	Fraction	Decimal	Percent

The publishers of the book have already created cards for the memory game at the back of the book. You can find those cards here.