# Decimal Practice







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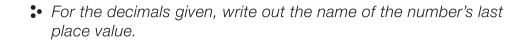
Certificate of Completion
Answer Sheets

\* Has an Answer Sheet





Rounding and place values



4.25 <u>3</u> thounsandths	12.02	95.408
0.021	10.5	8.506
8.52	9.321	50.2
89.8	4,512.3	88.22

• For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

### **Tenths**

8.231	<i>4</i> `5.128	0.981	2.012	16.061
8.2				

### **Hundredths**

8.2561	66.2135	0.8646	7.9843	52.1143
8.26				

### **Thousandths**

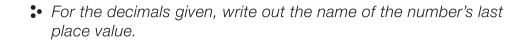
0.8643	6.5127	0.2155	7.4541	1.8950
0.864				

45.1 <u>9</u> 52	0.23 <u>1</u> 5	81.00 <u>5</u> 3	90. <u>5</u> 50	0.01 <u>8</u> 6
45.20				



### Rounding and place values





92.8 <u>1</u> hundredths	440.251	7.6
96.5	32.59	0.483
70.25	3.200	5.28
840.6	22.341	4.8

• For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

### **Tenths**

2.953	6.508	1.455	21.025	8.647
3.0				

### **Hundredths**

7.1506	18.0461	6.4548	0.5217	82.6920
7.15				

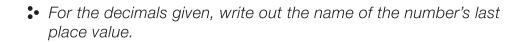
### **Thousandths**

7.8 <u>8</u> 13	0.15 <u>9</u> 8	12.5 <u>1</u> 35	25. <u>9</u> 126	7. <u>4</u> 931
24.5				



# Skill Practice Rounding and place values





90. <u>3</u> tenths	1.57	8.6
19.521	325.40	20.050
34.8	18.629	4.51
99.016	16.52	7.1

• For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

### **Tenths**

5.291	51.0526	4.832	65.247	1.366
5.3				

### **Hundredths**

8.2952	21.5061	84.9315	14.6147	8.4473
7.15				

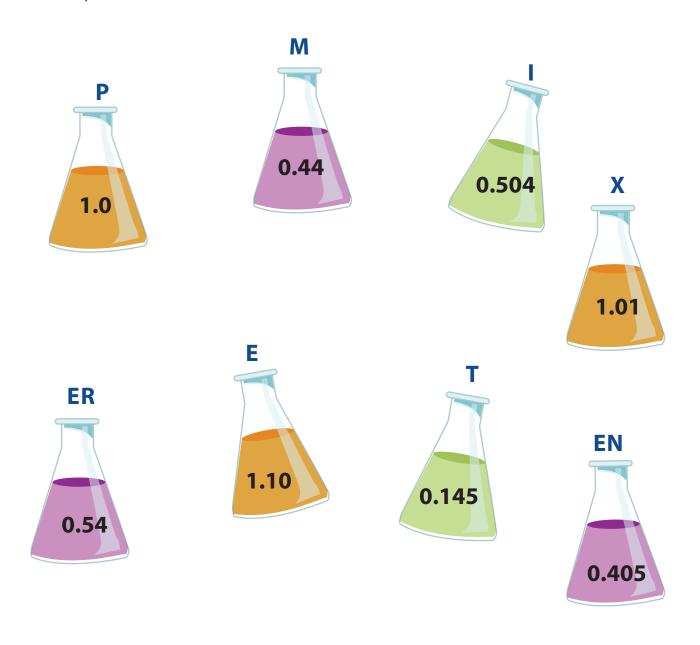
### **Thousandths**

52.3615	0.2381	12.4534	9.0267	9.4125
52.362				

11.24 <u>5</u> 3	<i>25.<u>8</u>963</i>	94.41 <u>3</u> 5	6.3 <u>5</u> 19	5. <u>7</u> 082
11.245				

# Beaker Puzzle: Practice Ordering Decimals Lealure from largest to smallest, then use the letters to answer

Order the decimal numbers on the beakers from largest to smallest, then use the letters to answer the question below.

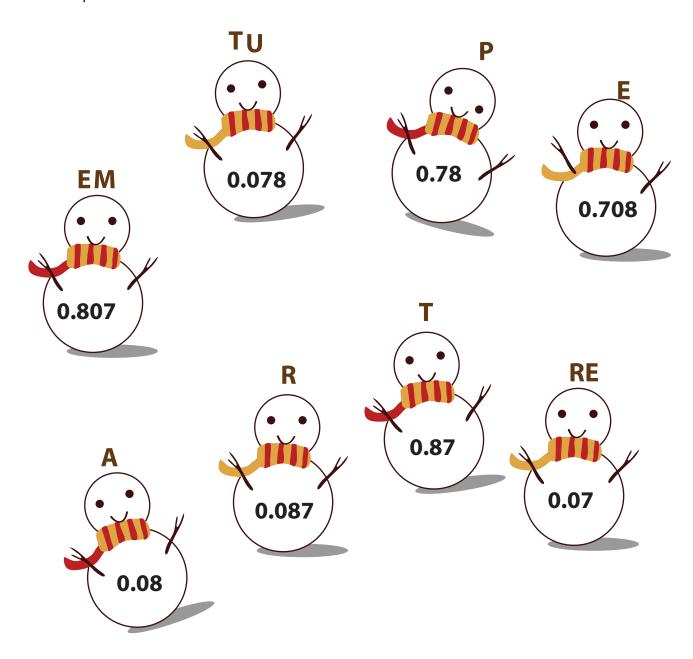


## What do scientists do?

### 4th Grade

# **Snowman Puzzle:** Practice Ordering Decimals

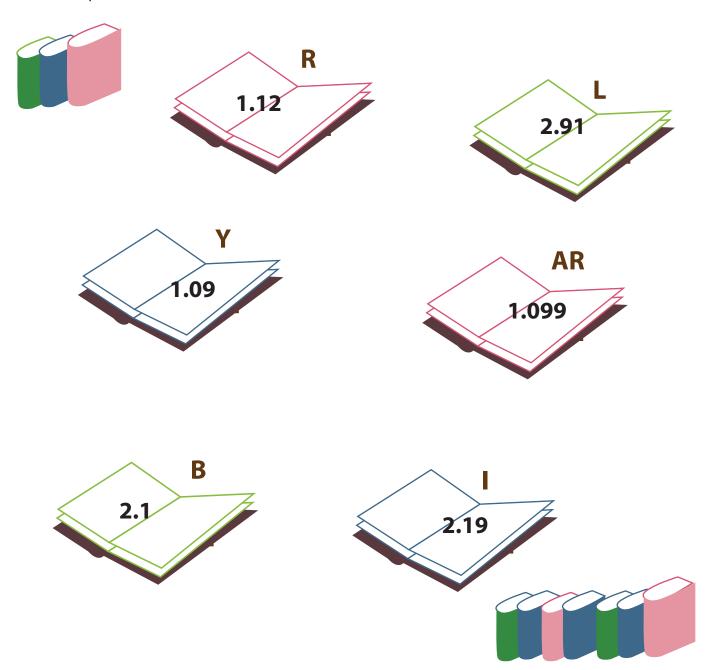
Order the decimal numbers on the snowmen from largest to smallest, then use the letters to answer the question below.



What is very important for snowmen?

# Book Puzzle: Practice Ordering Decimals

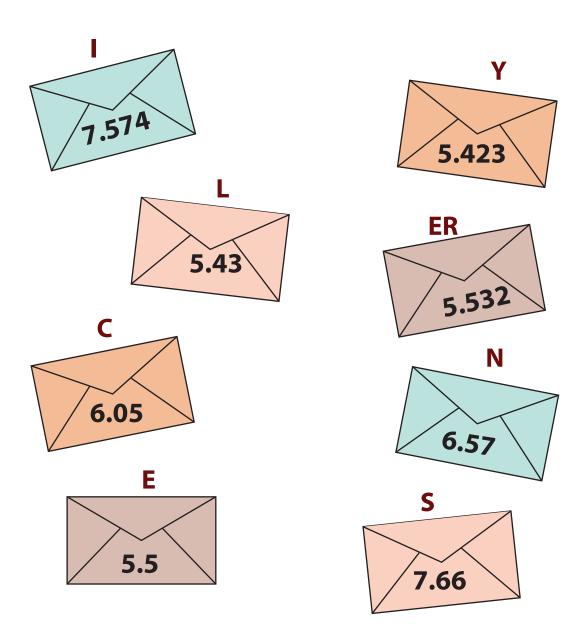
Order the decimal numbers on the books from largest to smallest, then use the letters to answer the question below.



What is the place that houses books?

# Envelope Puzzle: Practice Ordering Decimals

Order the decimal numbers on the envelopes from largest to smallest, then use the letters to answer the question below.



What word do you use to end a letter?

# Soup Can Puzzle: Practice Ordering Decimals

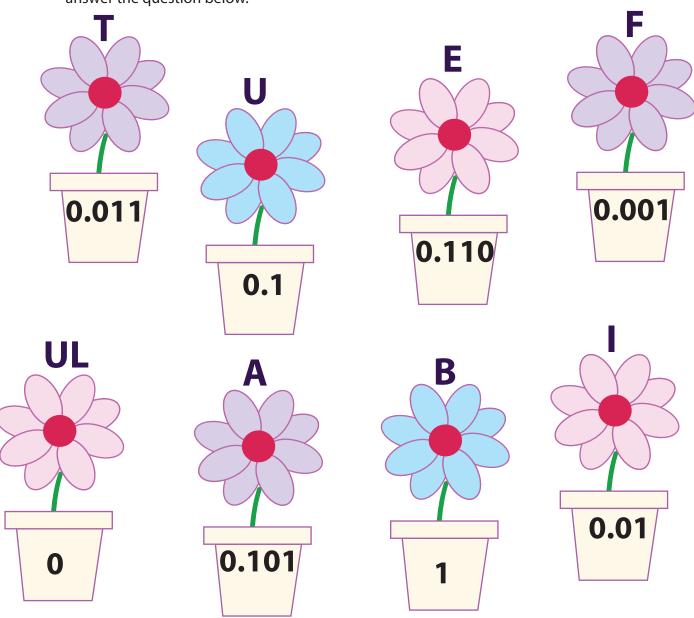
Order the decimal numbers on the soup cans from largest to smallest, then use the letters to answer the question below.



# Where do soup cans come from?

# Flower Puzzle: Practice Ordering Decimals

Order the decimal numbers on the flower pots from largest to smallest, then use the letters to answer the question below.

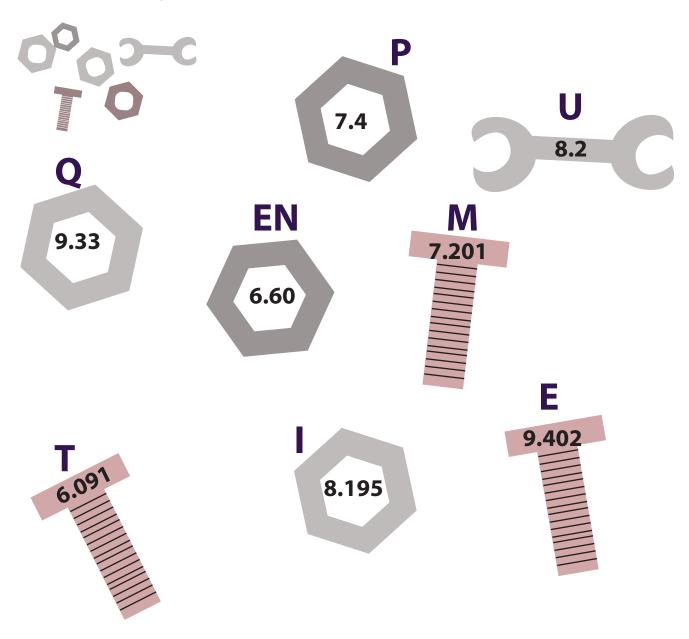


### What word describes these flowers?

### 4th Grade

# **Nuts and Bolts: Practice Ordering Decimals**

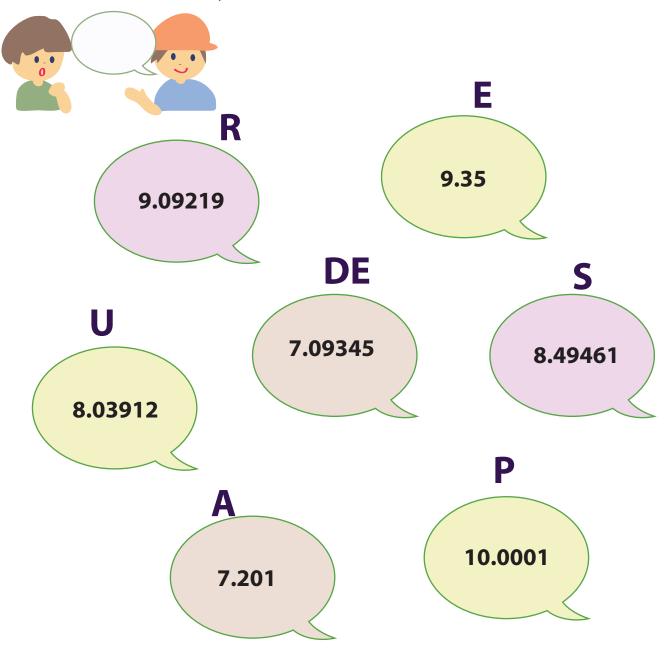
Order the decimal numbers on the nuts and bolts from largest to smallest, then use the letters to answer the question below.



A mechanic always has his \_\_\_\_\_ on hand.

# Conversation: Practice Ordering Decimals

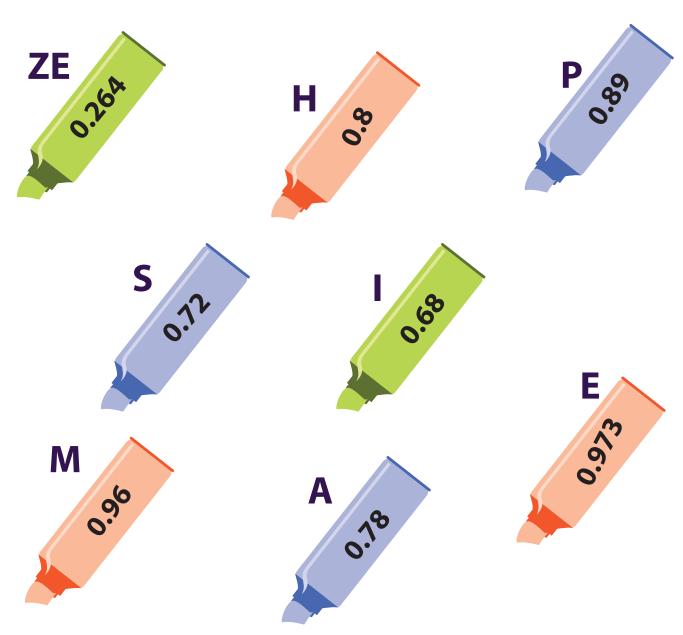
Order the decimal numbers on the conversation bubbles from largest to smallest, then use the letters to answer the question below.



Jacob is trying to \_\_\_\_\_ Jack.

# Marker Puzzle: Practice Ordering Decimals Order the decimal numbers on the markers from largest to smallest, then use the letters to answer

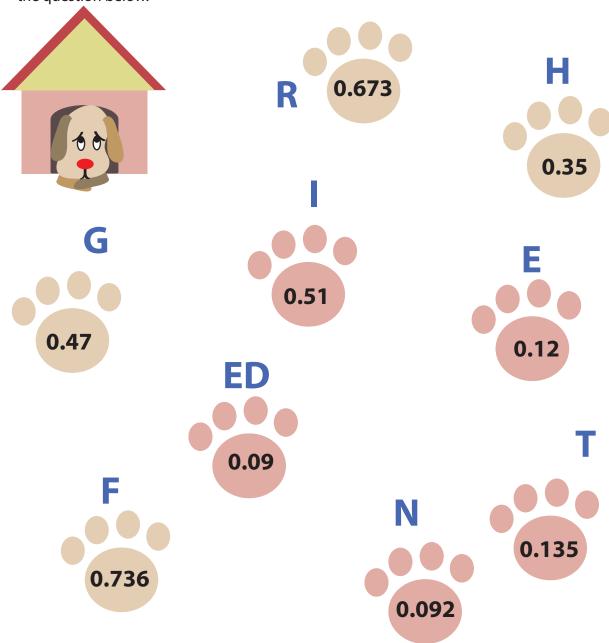
the question below.



What do markers help us do?

# Paw Prints Puzzle: Practice Ordering Decimals

Order the decimal numbers on the paw prints from largest to smallest, then use the letters to answer the question below.

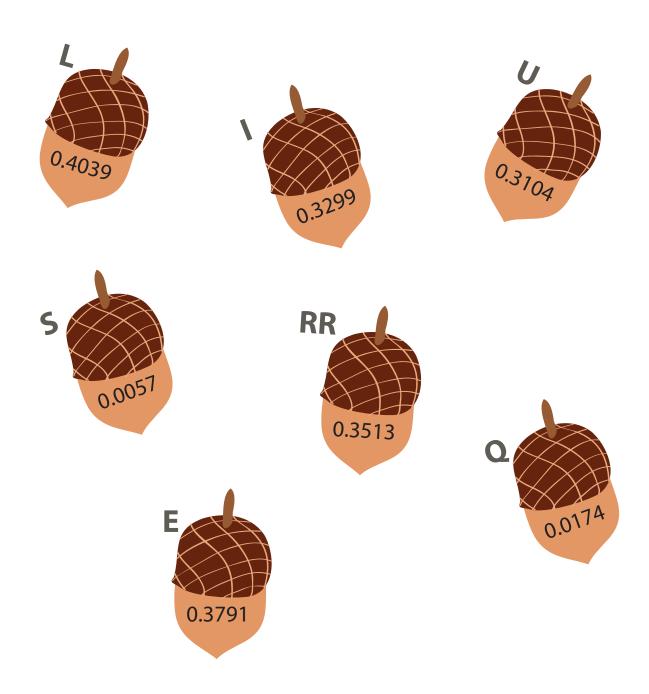


This puppy is \_\_\_\_\_

4th Grade

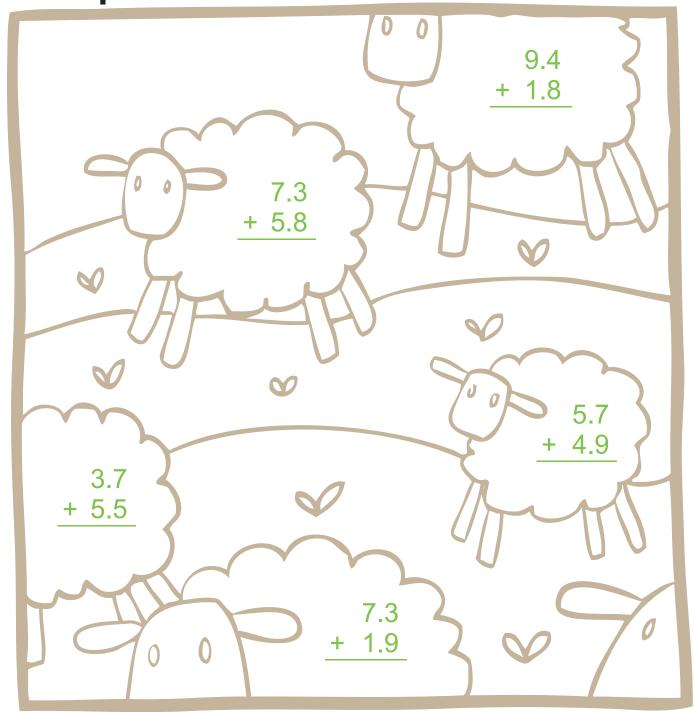
# Acorn Puzzle: Practice Ordering Decimals

Order the decimal numbers on these acorns from smallest to largest, then use the letters to answer the question below.



What animal eats acorns?

# **Sheep Math**



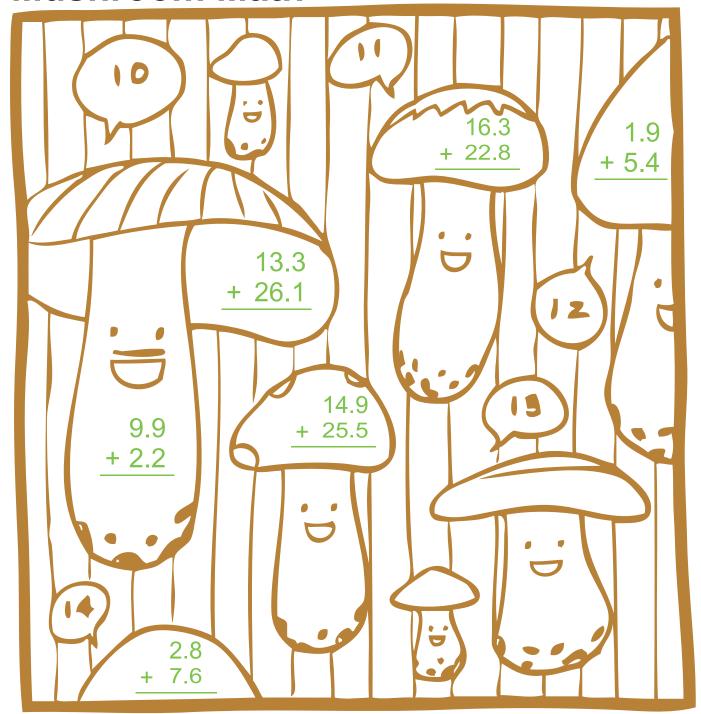
Note: More worksheets at www.education.com/worksheets

## **Instructions:**

Complete each math problem and color the page!



# **Mushroom Math**



Note: More worksheets at www.education.com/worksheets

## **Instructions:**

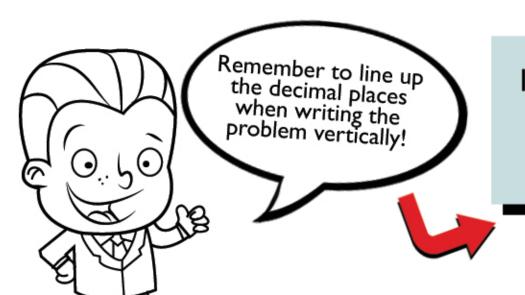
Complete each math problem and color the page!



# **Addition with Decimals**

Solve the following addition problems by rewriting each expression vertically!

6) 
$$46.70 + 7.01$$



12.2 + 1.542 12.200 + 1.542







Addition with Decimals

• Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$72.52 + 0.214$$
  $2.83 + 1.994$   $243.1 + 3.07$ 

$$37.53 + 22.8 \quad 1.358 + 250.2 \quad 0.53 + 64.095$$



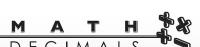
# Skill Practice Addition with Decimals



**?•** Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$635.1 + 42.115$$
  $13.826 + 2.8$   $11.89 + 9.053$ 

$$1.018 + 0.25$$
  $342.841 + 17.3$   $10.8 + 9.547$ 



# Addition with Decimals



• Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$9.415 + 7.2$$
  $184.6 + 12.67$   $83.942 + 5.3$ 

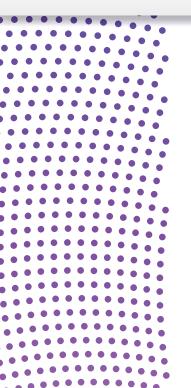
$$7.62 + 2.508$$
  $6.721 + 5.3$   $99.23 + 72.4$ 

$$24.813 + 6.7$$
  $42.5 + 6.811$   $7.045 + 2.37$ 





Subtracting with Decimals



3 Solve the following subtraction problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

2.032-0.3

3.95-1.326 12.02-9.1

2.032

**—** 0.3 1.732

8.63-2.4

*24.2-15.37 4.351-3.811* 

42.32-0.813 6.17-1.8

78.2-13.069

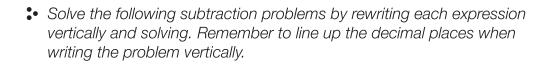
1.24-1.035 7.634-6.1

10.42-3.2



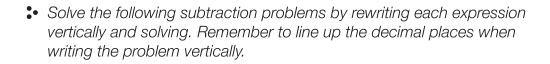
# Subtracting with Decimals













### **Decimal Practice**

Rounding and Place Values #1
Rounding and Place Values #2
Rounding and Place Values #3
Beaker Puzzle: Practice Ordering Decimals
Snowman Puzzle: Practice Ordering Decimals
Book Puzzle: Practice Ordering Decimals
Envelope Puzzle: Practice Ordering Decimals
Soup Can Puzzle: Practice Ordering Decimals
Flower Puzzle: Practice Ordering Decimals
Nuts and Bolts: Practice Ordering Decimals
Conversation: Practice Ordering Decimals
Marker Puzzle: Practice Ordering Decimals
Paw Prints Puzzle: Practice Ordering Decimals
Acorn Puzzle: Practice Ordering Decimals

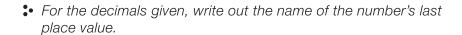
Sheep Math
Mushroom Math
Addition with Decimals
Addition with Decimals #1
Addition with Decimals #2
Addition with Decimals #3
Subtraction with Decimals #1
Subtraction with Decimals #2
Subtraction with Decimals #2



# Skill Practice

Rounding and place values





4.25 <u>3</u>	12.02	95.408
thousandths	<u>hundredths</u>	thousandths
0.021	10.5	8.506
thousandths	tenths	thousandths
8.52	9.321	50.2
hundredths	thousandths	tenths
89.8	4,512.3	88.22
<b>tenths</b>	<b>tenths</b>	hundredths

• For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

T	e	n	t	h	S
	_				•

0.0	· · · <b>-</b> ·	0.00.	2.012	
8.2 Hundredths	45.1	1.0	2.0	16.1

### .....

8.26	66.21	0.86	7.98	52.11
8.2561	66.2135	0.8646	7.9843	52.1143

### **Thousandths**

0.8643	6.5127	0.2155	7.4541	1.8950
0.864	6.513	0.216	7.454	1.895

45.1 <u>9</u> 52	0.23 <u>1</u> 5	81.00 <u>5</u> 3	90. <u>5</u> 50	0.01 <u>8</u> 6
45.20	0.232	81.005	90.6	0.019







# Skill Practice

Rounding and place values



• For the decimals given, write out the name of the number's last place value.

92.8 <u>1</u>	440.251	7.6
hundredths	thousandths	<u>tenths</u>
96.5	32.59	0.483
tenths	hundredths	thousandths
70.25	3.200	5.28
<u>hundredths</u>	thousandths	<u>hundredths</u>
840.6	22.341	4.8
tenths	thousandths	tenths

• For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

### **Tenths**

3.0	6.5	1.46	21.0	8.6
0.0	0.5	4 40	04.0	0.0
2.953	6.508	1.455	21.025	8.647

### **Hundredths**

				<u></u>
7.15	18.05	6.45	0.52	82.69
7.1506	18.0461	6.4548	0.5217	82.6920

### **Thousandths**

51.1593	4.3544	9.6745	17.3708	5.2667
51.159	4.354	9.675	17.371	5.267

7.8 <u>8</u> 13	0.15 <u>9</u> 8	12.5 <u>1</u> 35	25. <u>9</u> 126	7. <u>4</u> 931
7 90	0 160	19 51	25.0	7.5



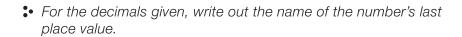
### ANSWER SHEET

# M A T H

## Skill Practice

Rounding and place values





90. <u>3</u>	1.57	8.6
<u>tenths</u>	<u>hundredths</u>	<u>tenths</u>
19.521	325.40	20.050
thousandths	hundredths	thousandths
34.8	18.629	4.51
<u>tenths</u>	<u>thousandths</u>	<u>hundredths</u>
99.016	16.52	7.1
thousandths	hundredths	tenths

• For the decimals given, round off each number to the place value listed above its row. In the last row, round off to the underlined place value.

### **Tenths**

5.291	51.0526	4.832	65.247	1.366
5.3	51.1	4.8	65.2	1.4

### **Hundredths**

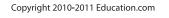
8.2952	21.5061	84.9315	14.6147	8.4473
8.30	21.51	84.93	14.61	8.45

### **Thousandths**

52.3615	0.2381	12.4534	9.0267	9.4125
52.362	0.238	12.453	9.027	9.413

### Mixed

11.24 <u>5</u> 3	25. <u>8</u> 963	94.41 <u>3</u> 5	6.3 <u>5</u> 19	5. <u>7</u> 082
11.245	25.9	94.414	6.35	5.7



.....

### **ANSWER SHEET**



# **Beaker Puzzle: Practice Ordering Decimals**

Order the decimal numbers on the beakers from largest to smallest, then use the letters to answer the question below.

















E	X	Р	ER	I	M	EN	Т
1.10	1.01	1.0	0.54	0.504	0.44	0.405	0.145

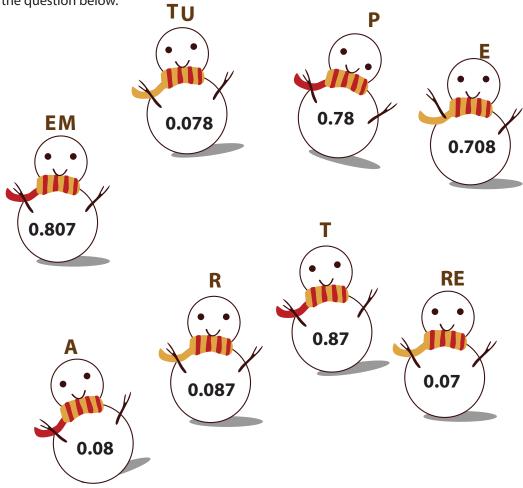
What do scientists do? **EXPERIMENT** 



### **ANSWER SHEET**

# **Snowman Puzzle:** Practice Ordering Decimals

Order the decimal numbers on the snowmen from largest to smallest, then use the letters to answer the question below.



T EM P E R A TU RE
0.87 0.807 0.78 0.708 0.087 0.08 0.078 0.07

What is very important for snowmen?

# **TEMPERATURE**



### **ANSWER SHEET**

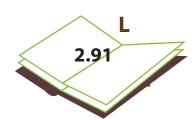


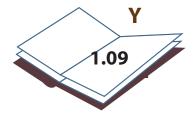
# **Book Puzzle:** Practice Ordering Decimals

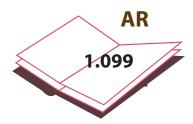
Order the decimal numbers on the books from largest to smallest, then use the letters to answer the question below.

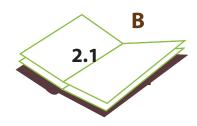


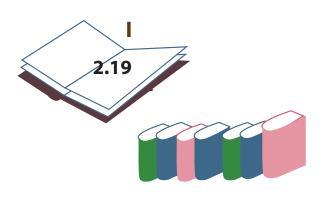












L I B R AR Y
2.91 2.19 2.1 1.12 1.099 1.09

What is the place that houses books?

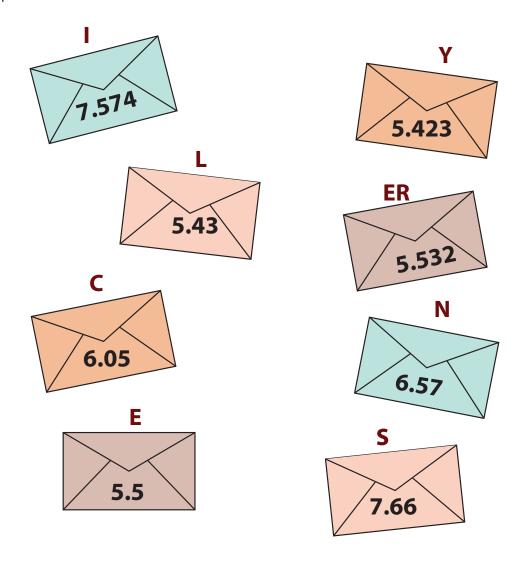
**LIBRARY** 

## **ANSWER SHEET**



# **Envelope Puzzle:** Practice Ordering Decimals

Order the decimal numbers on the envelopes from largest to smallest, then use the letters to answer the question below.



S I N C ER E L Y

7.66 7.574 6.57 6.05 5.532 5.5 5.43 5.423

What word do you use to end a letter?

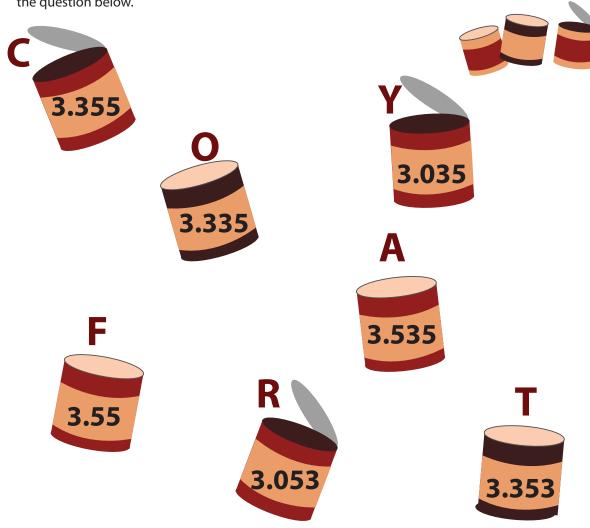
**SINCERELY** 

### **ANSWER SHEET**



# **Soup Can Puzzle:** Practice Ordering Decimals

Order the decimal numbers on the soup cans from largest to smallest, then use the letters to answer the question below.



F A C T O R Y

3.55 3.535 3.355 3.353 3.335 3.053 3.035

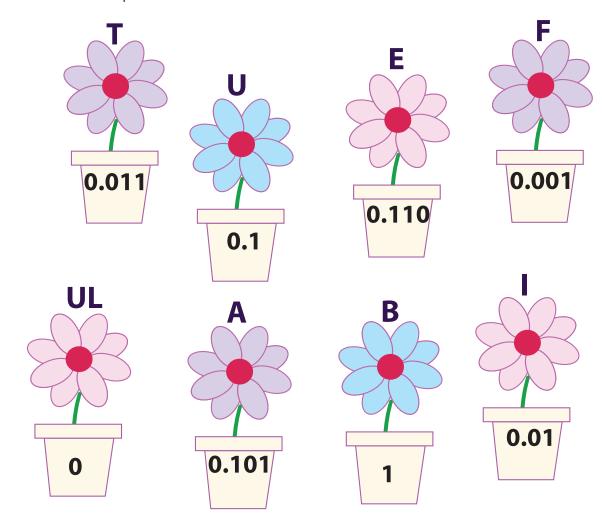
Where do soup cans come from?

**FACTORY** 

### **ANSWER SHEET**

# Flower Puzzle: Practice Ordering Decimals

Order the decimal numbers on the flower pots from largest to smallest, then use the letters to answer the question below.



B E A U T I F UL

1 0.110 0.101 0.1 0.011 0.01 0.001 0

What word describes these flowers?

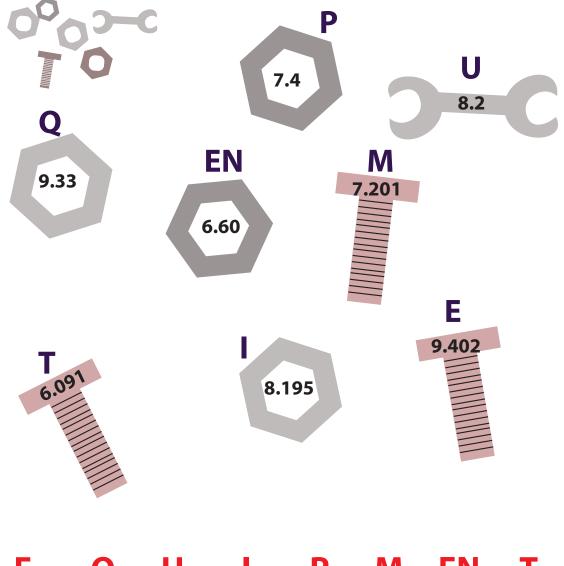
**BEAUTIFUL** 

#### **ANSWER SHEET**



### **Nuts and Bolts: Practice Ordering Decimals**

Order the decimal numbers on the nuts and bolts from largest to smallest, then use the letters to answer the question below.



9.402 9.33 8.2 8.195 7.4 7.201 6.60 6.091

A mechanic always has his

**EQUIPMENT** 

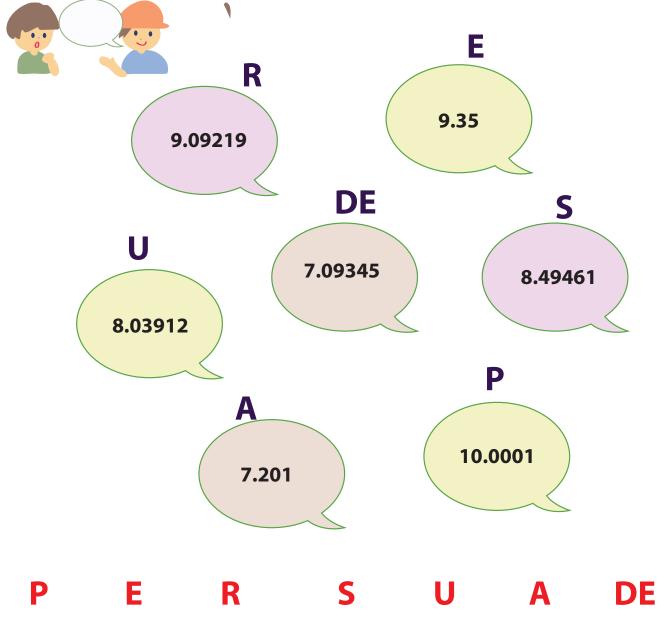
on hand.

#### **ANSWER SHEET**



### **Conversation:** Practice Ordering Decimals

Order the decimal numbers on the conversation bubbles from largest to smallest, then use the letters to answer the question below.



10.0001 9.35 9.09219 8.49461 8.03912 7.201 7.09345

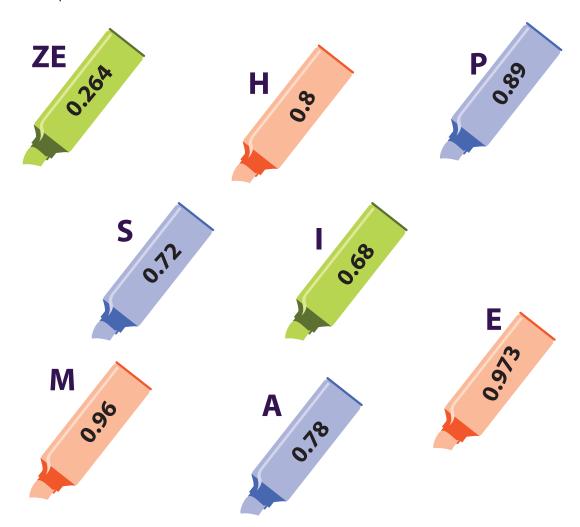
Jacob is trying to **PERSUADE** Jack.

#### **ANSWER SHEET**



## Marker Puzzle: Practice Ordering Decimals Order the decimal numbers on the markers from largest to smallest, then use the letters to answer

the question below.



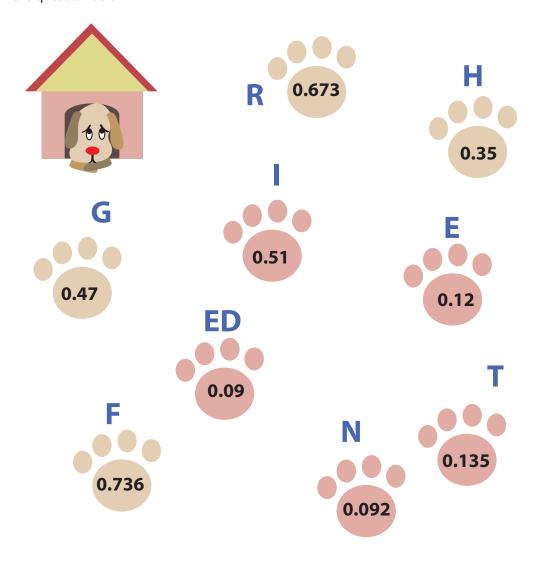
ZE M 0.973 0.96 0.89 0.78 0.72 8.0 0.68 0.264

What do markers help us do?

**EMPHASIZE** 

# ANSWER SHEET Paw Prints Puzzle: Practice Ordering Decimals

Order the decimal numbers on the paw prints from largest to smallest, then use the letters to answer the question below.



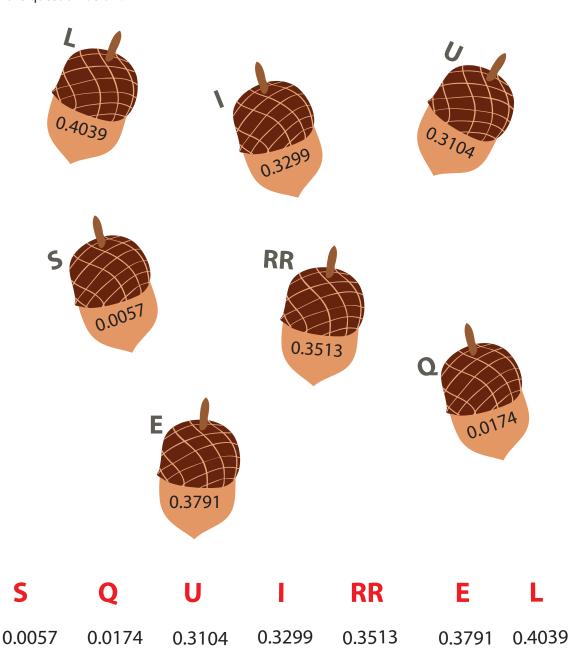
F R I G H T E N ED
0.736 0.673 0.51 0.47 0.35 0.135 0.12 0.092 0.09

This puppy is FRIGHTENED

#### **ANSWER SHEET**

### Acorn Puzzle: Practice Ordering Decimals

Order the decimal numbers on these acorns from smallest to largest, then use the letters to answer the question below.

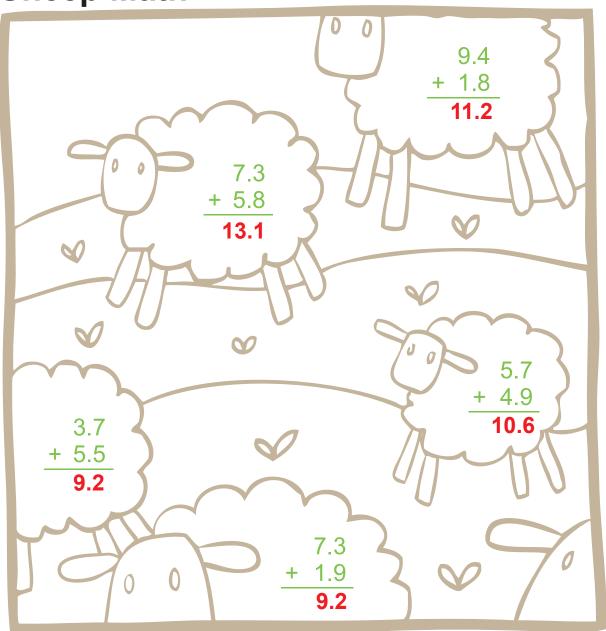


What animal eats acorns?

SQUIRREL

#### **ANSWER SHEET**

### **Sheep Math**



Note: More worksheets at www.education.com/worksheets

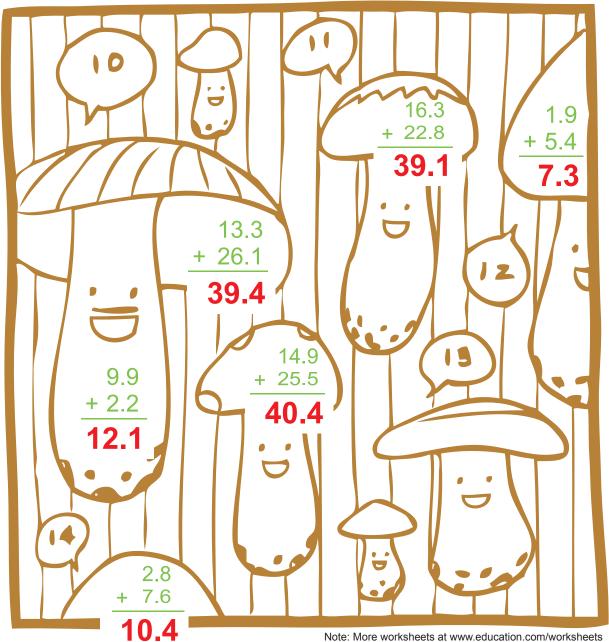
#### **Instructions:**

Complete each math problem and color the page!



#### **ANSWER SHEET**

#### **Mushroom Math**



#### **Instructions:**

Complete each math problem and color the page!



### **Addition with Decimals**

Solve the following addition problems by rewriting each expression vertically!

18.486

Remember to line up the decimal places when writing the problem vertically!





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More worksheets at www.education.com/worksheets



#### Skill Practice



Addition with Decimals

: Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$\begin{array}{r}
 16.2 + 9.05 \\
 \hline
 16.20 \\
 + 9.05 \\
 \hline
 25.25
 \end{array}$$

$$2.513 + 19.61$$

$$2.513$$

$$+ 19.61$$

$$22.123$$

24.9+5.73

$$72.52 + 0.214$$
  $2.83 + 1.994$   $243.1 + 3.07$ 

$$10.5 + 3.481$$

$$0.53 + 64.095$$



### Skill Practice

Addition with Decimals



: Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$80.8 + 17.33$$

$$1.018 + 0.25$$

$$10.8 + 9.547$$



#### Skill Practice



Addition with Decimals

• Solve the following addition problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.

$$17.6 + 3.752$$

$$17.600$$

$$+ 3.752$$

$$21.352$$

$$19.4 + 12.67$$

$$19.40$$

$$+ 12.67$$

$$32.07$$

$$83.942 + 5.3$$

$$7.62 + 2.508$$

$$6.721 + 5.3$$

$$99.23 + 72.4$$

$$7.045 + 2.37$$



#### Skill Practice

1

Subtracting with Decimals

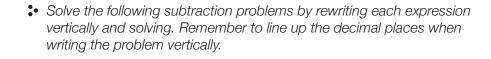
••	Solve the following subtraction problems by rewriting each expression
	vertically and solving. Remember to line up the decimal places when
	writing the problem vertically.



#### Skill Practice

ctice 2

Subtracting with Decimals



10.08-9.6

3.809

7.109-3.3

75.3-13.19

0.48



#### Skill Practice

Subtracting with Decimals



• Solve the following subtraction problems by rewriting each expression vertically and solving. Remember to line up the decimal places when writing the problem vertically.