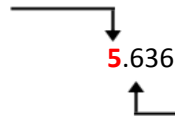


Rounding Decimals

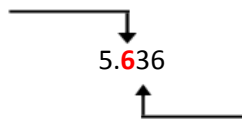
Round to the nearest whole number.



Since the digit to the right is 5 or greater, round up to 6.

5.636 rounded to the nearest whole number is **6**.

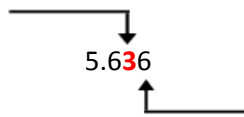
Round to the nearest tenth.



Since the next digit to the right is less than 5, round down to 5.6.

5.636 rounded to the nearest tenth is **5.6**.

Round to the nearest hundredth.



Since the next digit to the right is 5 or greater, round up to 5.64.

5.636 rounded to the nearest hundredth is **5.64**.

What is 8.525 rounded to the nearest whole number? _____

What is 8.525 rounded to the nearest tenth? _____

What is 8.525 rounded to the nearest hundredth? _____

What is 3.341 rounded to the nearest whole number? _____

What is 3.341 rounded to the nearest tenth? _____

What is 3.341 rounded to the nearest hundredth? _____

Circle the correct answer.

5.385 rounded to the nearest tenth is 5.3 5.4 5.5

4.62 rounded to the nearest whole number is 4.7 4 5

6.652 rounded to the nearest tenth is 6.5 6.6 6.7

4.106 rounded to the nearest hundredth is 4.10 4.11 4.12

Rounding Decimals

Round the nearest whole number.

1.27 _____

4.109 _____

19.51 _____

5.9 _____

22.83 _____

11.362 _____

3.156 _____

8.011 _____

10.94 _____

31.7 _____

0.506 _____

2.251 _____

19.82 _____

21.709 _____

5.5 _____

15.702 _____

6.341 _____

53.3 _____

Round the nearest tenth.

1.27 _____

4.408 _____

11.509 _____

9.538 _____

12.823 _____

0.222 _____

6.141 _____

8.011 _____

7.094 _____

28.127 _____

4.506 _____

2.609 _____

19.82 _____

9.634 _____

35.515 _____

15.702 _____

16.230 _____

17.091 _____

Round the nearest hundredth.

7.1091 _____

3.655 _____

2.073 _____

6.941 _____

12.107 _____

2.3845 _____

15.039 _____

9.127 _____

11.2773 _____

5.285 _____

9.789 _____

0.007 _____

3.362 _____

3.215 _____

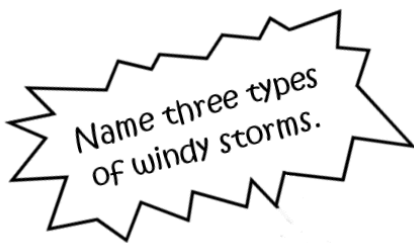
7.005 _____

16.336 _____

4.218 _____

33.333 _____

Windy Weather Mystery Math



1. _____
2. _____
3. _____

2.55	1.56	3.15	4.74	9.56	9.61	7.30	6.85	3.49
G	R	L	K	B	P	M	X	Y

7.78	2.31	4.11	8.77	2.84	2.63	7.58	5.55	1.75
E	V	U	O	I	D	S	A	Z

3.74	9.89	1.42	4.24	6.32	3.31	8.63	8.06
W	C	T	F	H	N	J	Q

Round each decimal to the nearest hundredth. Write the answer in the middle square then find the letter that corresponds to your answer in the key above. Write the corresponding letter in the bottom square to uncover three types of windy weather. The first one is done for you.

6.318	4.107	1.562	1.559	2.843	9.891	5.548	3.305	7.776
6.32								
h								

9.559	3.154	2.837	1.752	1.746	5.553	1.564	2.625

1.422	8.770	1.557	3.314	5.546	2.631	8.765

Our Government Mystery Math

Name the three branches of the U.S. government.

1. _____
2. _____
3. _____

4.1	1.7	3.6	3.9	5.2	4.7	9.9	7.9	8.8
G	R	L	K	B	P	M	X	Y

2.6	6.8	15.1	1.8	5.7	2.8	1.5	7.7	10.5
E	V	U	O	I	D	S	A	Z

12.7	5.5	4.5	2.3	1.6	9.5	11.5	6.6
W	C	T	F	H	N	J	Q

Round each decimal to the nearest tenth. Write the answer in the middle square then find the letter that corresponds to your answer in the key above. Write the corresponding letter in the bottom square to uncover the three branches of government. The first one is done for you.

3.63	2.59	4.10	5.73	1.52	3.59	7.65	4.45	5.67	6.79	2.62
3.6										
I										

11.49	15.09	2.79	5.69	5.45	5.72	7.73	3.56

2.60	7.90	2.57	5.54	15.14	4.51	5.70	6.84	2.64

Three Long Rivers Mystery Math



1. _____
2. _____
3. _____

1	7	21	4	2	3	24	14	20
G	R	L	K	B	P	M	X	Y

8	13	12	6	9	23	15	26	5
E	V	U	O	I	D	S	A	Z

19	16	10	17	25	18	22	11
W	C	T	F	H	N	J	Q

Round each decimal to the nearest whole number. Write the answer in the middle square then find the letter that corresponds to your answer in the key above. Write the corresponding letter in the bottom square to uncover the three longest rivers in the United States. The first one is done for you.

23.9	8.75	15.20	14.9	9.3	15.45	14.65	8.9	2.95	1.95	8.5
24										
m										

22.9	9.12	14.75	14.8	5.8	11.9	6.72	9.26

20.45	12.3	3.88	4.95	17.62

Name _____

Rounding Decimals worksheet a

Rounding Decimals

Round to the nearest whole number.

5.636
 Since the digit to the right is 5 or greater, round up to 6.
 5.636 rounded to the nearest whole number is 6.

Round to the nearest tenth.

5.636
 Since the next digit to the right is less than 5, round down to 5.6.
 5.636 rounded to the nearest tenth is 5.6.

Round to the nearest hundredth.

5.636
 Since the next digit to the right is 5 or greater, round up to 5.64.
 5.636 rounded to the nearest hundredth is 5.64.

What is 8.525 rounded to the nearest whole number? 9

What is 8.525 rounded to the nearest tenth? 8.6

What is 8.525 rounded to the nearest hundredth? 8.53

What is 3.341 rounded to the nearest whole number? 3

What is 3.341 rounded to the nearest tenth? 3.3

What is 3.341 rounded to the nearest hundredth? 3.34

Circle the correct answer.

5.385 rounded to the nearest tenth is 5.3 5.4 5.5

4.62 rounded to the nearest whole number is 4.7 4 5

6.652 rounded to the nearest tenth is 6.5 6.6 6.7

4.106 rounded to the nearest hundredth is 4.10 4.11 4.12

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Rounding Decimals worksheet a

Name _____

Rounding Decimals worksheet b

Rounding Decimals

Round to the nearest whole number.

1.27 <u>1</u>	4.109 <u>4</u>	19.51 <u>20</u>
5.9 <u>6</u>	22.83 <u>23</u>	11.362 <u>11</u>
3.156 <u>3</u>	8.011 <u>8</u>	10.94 <u>11</u>
31.7 <u>32</u>	0.506 <u>1</u>	2.251 <u>2</u>
19.82 <u>20</u>	21.709 <u>22</u>	5.5 <u>6</u>
15.702 <u>16</u>	6.341 <u>6</u>	53.3 <u>53</u>

Round to the nearest tenth.

1.27 <u>1.3</u>	4.408 <u>4.4</u>	11.509 <u>11.5</u>
9.538 <u>9.5</u>	12.823 <u>12.8</u>	0.222 <u>.2</u>
6.141 <u>6.1</u>	8.011 <u>8.0</u>	7.094 <u>7.1</u>
28.127 <u>28.1</u>	4.506 <u>4.5</u>	2.609 <u>2.6</u>
19.82 <u>19.8</u>	9.634 <u>9.6</u>	35.515 <u>35.5</u>
15.702 <u>15.7</u>	16.230 <u>16.2</u>	17.091 <u>17.1</u>

Round to the nearest hundredth.

7.1091 <u>7.11</u>	3.655 <u>3.66</u>	2.073 <u>2.07</u>
6.941 <u>6.94</u>	12.107 <u>12.11</u>	2.3845 <u>2.38</u>
15.039 <u>15.04</u>	9.127 <u>9.13</u>	11.2773 <u>11.28</u>
5.285 <u>5.29</u>	9.789 <u>9.79</u>	0.007 <u>.01</u>
3.362 <u>3.36</u>	3.215 <u>3.22</u>	7.005 <u>7.01</u>
16.336 <u>16.34</u>	4.218 <u>4.22</u>	33.333 <u>33.33</u>

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Rounding Decimals worksheet b

Rounding Decimals worksheets c and d
Answer key

Rounding Decimals worksheet c
Windy Weather Mystery Math

Name _____

Windy Weather Mystery Math

Name three types of windy storms.

2.55	1.56	3.15	4.74	9.56	9.61	7.30	6.85	3.49
G	R	L	K	B	P	M	X	Y

7.78	2.31	4.11	8.77	2.84	2.63	7.58	5.55	1.75
E	V	U	O	I	D	S	A	Z

3.74	9.89	1.42	4.24	6.32	3.31	8.63	8.06
W	C	T	F	H	N	J	Q

1. hurricane
2. blizzard
3. tornado

Round each decimal to the nearest hundredth. Write the answer in the middle square then find the letter that corresponds to your answer in the key above. Write the corresponding letter in the bottom square to uncover three types of windy weather. The first one is done for you.

6.318	4.107	1.562	1.559	2.843	9.891	5.548	3.305	7.776
6.32	4.11	1.56	1.56	2.84	9.89	5.55	3.31	7.78
h	u	r	r	i	c	a	n	e

9.559	3.154	2.837	1.752	1.746	5.553	1.564	2.625
9.56	3.15	2.84	1.75	1.75	5.55	1.56	2.63
b	l	i	z	z	a	r	d

1.422	8.770	1.557	3.314	5.546	2.631	8.765
1.42	8.77	1.56	3.31	5.55	2.63	8.77
t	o	r	n	a	d	o

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Rounding Decimals worksheet d
Our Government Mystery Math

Name _____

Our Government Mystery Math

Name the three branches of the U.S. government.

4.1	1.7	3.6	3.9	5.2	4.7	9.9	7.9	8.8
G	R	L	K	B	P	M	X	Y

2.6	6.8	15.1	1.8	5.7	2.8	1.5	7.7	10.5
E	V	U	O	I	D	S	A	Z

12.7	5.5	4.5	2.3	1.6	9.5	11.5	6.6
W	C	T	F	H	N	J	Q

1. legislative
2. judicial
3. executive

Round each decimal to the nearest tenth. Write the answer in the middle square then find the letter that corresponds to your answer in the key above. Write the corresponding letter in the bottom square to uncover the three branches of government. The first one is done for you.

3.63	2.59	4.10	5.73	1.52	3.59	7.65	4.45	5.67	6.79	2.62
3.6	2.6	4.1	5.7	1.5	3.6	7.7	4.5	5.7	6.8	2.6
l	e	g	i	s	l	a	t	i	v	e

11.49	15.09	2.79	5.69	5.45	5.72	7.73	3.56
11.5	15.1	2.8	5.7	5.5	5.7	7.7	3.6
j	u	d	i	c	i	a	l

2.60	7.90	2.57	5.54	15.14	4.51	5.70	6.84	2.64
2.6	7.9	2.6	5.5	15.1	4.5	5.7	6.8	2.6
e	x	e	c	u	t	i	v	e

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Rounding Decimals worksheet c

Rounding Decimals worksheet d

Rounding Decimals worksheet e
 Answer key

Rounding Decimals worksheet e
 Three Long Rivers Mystery Math

Name _____

Three Long Rivers Mystery Math



1. Mississippi
2. Missouri
3. Yukon

1	7	21	4	2	3	24	14	20
G	R	L	K	B	P	M	X	Y

8	13	12	6	9	23	15	26	5
E	V	U	O	I	D	S	A	Z

19	16	10	17	25	18	22	11
W	C	T	F	H	N	J	Q

Round each decimal to the nearest whole number. Write the answer in the middle square then find the letter that corresponds to your answer in the key above. Write the corresponding letter in the bottom square to uncover the three longest rivers in the United States. The first one is done for you.

23.9	8.75	15.20	14.9	9.3	15.45	14.65	8.9	2.95	1.95	8.5
24	9	15	15	9	15	15	9	3	3	9
m	i	s	s	i	s	s	i	p	p	i

22.9	9.12	14.75	14.8	5.8	11.9	6.72	9.26
24	9	15	15	6	12	7	9
m	i	s	s	o	u	r	i

20.45	12.3	3.88	4.95	17.62
20	12	4	6	18
y	u	k	o	n

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Rounding Decimals worksheet e