

WHOLE NUMBER VERSIONS

ROUNDING NUMBERS

Directions: Select a number card. Write a number that would round to the number on the card. Prove your answer.

EXAMPLE:

65,000

65,321 would round to 65,000 if rounded to the thousands place because 65,321 is closer to 65,000 than 66,000.

66,900**352,100****100,000****79,220****670,000****800,000****5,000****987,100****364,900****34,200****39,740****58,900**

15,320**410,000****200,000****80,000****55,610****817,500****9,100****242,700****40,000****710,000****38,000****98,000**

ROUNDING NUMBERS

Name: _____ Date: _____

Number Selected	Number that Rounds to the Number Selected and Evidence

WHICH DOESN'T BELONG?

Directions: Select a card. Analyze the numbers on the card and how they could be rounded to different place values. Use this to determine which number doesn't belong. Prove your choice.

EXAMPLE:

WHICH DOESN'T BELONG?

74,596 78,114 72,012

78,114 doesn't belong because it rounds to 80,000 when rounding to the ten thousands place. The other numbers round to 70,000.

WHICH DOESN'T BELONG?

64,589 65,001 65,986

1

WHICH DOESN'T BELONG?

789,521 789,021 788,963

2

WHICH DOESN'T BELONG?

114,962 114,957 114,968

3

WHICH DOESN'T BELONG?

89,554 84,632 87,012

4

WHICH DOESN'T BELONG?

410,251 417,523, 419,013

5

WHICH DOESN'T BELONG?

9,863 9,859 9,867

6

WHICH DOESN'T BELONG?

57,963 57,021 56,632

7

WHICH DOESN'T BELONG?

112,698 112,754 112,701

8

WHICH DOESN'T BELONG?

Name: _____ Date: _____

Card #	Which number does not belong?	Why does that number not belong? Prove your choice.

WHICH DOESN'T BELONG?

#	Possible Answers
1	65,986 doesn't belong because it rounds to 66,000 when rounding to the thousands place. The other numbers both round to 65,000.
2	789,521 doesn't belong because it rounds to 790,000 when rounding to the thousands place. The other numbers round to 789,000.
3	114,968 doesn't belong because it rounds to 114,970 when rounding to the tens place. The other numbers both round to 114,960.
4	84,632 doesn't belong because it rounds to 80,000 when rounding to the nearest ten thousands place. The other numbers round to 90,000.
5	410,251 doesn't belong because it rounds to 410,000 when rounding to the ten thousands place. The other numbers round to 420,000.
6	9,867 doesn't belong because it rounds to 9,870 when rounding to the tens place. The other numbers round to 9,860.
7	57,963 doesn't belong because it rounds to 58,000 when rounding to the thousands place. The other numbers round to 57,000.
8	112,754 doesn't belong because it rounds to 112,800 when rounding to the hundreds place. The other numbers round to 112,700.

DECIMAL VERSIONS

ROUNDING DECIMALS

Directions: Select a number card. Write a number that would round to the number on the card. Prove your answer.

EXAMPLE:

6.5

6.52 would round to 6.5 if rounded to the tenths place because 6.52 is closer to 6.5 than 6.6.

7.5**8.62****9.1****12.05****36.2****9.5****3.2****114.11****36.59****7.02****10.2****12.5**

2.59**1.07****0.63****7.95****0.32****0.9****3.1****5.2****4****42.9****36.4****15.2**

ROUNDING DECIMALS

Name: _____ Date: _____

Number Selected	Number that Rounds to the Number Selected and Evidence

WHICH DOESN'T BELONG?

Directions: Select a card. Analyze the numbers on the card and how they could be rounded to different place values. Use this to determine which number doesn't belong. Prove your choice.

EXAMPLE:

WHICH DOESN'T BELONG?

74.596 78.114 72.012

78.114 doesn't belong because it rounds to 80 when rounding to the tens place. The other numbers round to 70.

WHICH DOESN'T BELONG?

6.93

6.89

6.82

1

WHICH DOESN'T BELONG?

0.44

0.47

0.48

2

WHICH DOESN'T BELONG?

1.98

1.87

1.43

3

WHICH DOESN'T BELONG?

0.522

0.529

0.524

4

WHICH DOESN'T BELONG?

4.97

5.01

4.32

5

WHICH DOESN'T BELONG?

0.63

0.67

0.62

6

WHICH DOESN'T BELONG?

2.987

2.991

2.984

7

WHICH DOESN'T BELONG?

7.89

7.45

7.6

8

WHICH DOESN'T BELONG?

#	Possible Answers
1	6.82 doesn't belong because it rounds to 6.8 when rounding to the tenths place. The other numbers round to 6.9.
2	0.44 doesn't belong because it rounds to 0.4 when rounding to the tenths place. The other numbers round to 0.5.
3	1.43 doesn't belong because it rounds to 1 when rounding to the ones place. The other numbers round to 2.
4	0.529 doesn't belong because it rounds to 0.53 when rounding to the hundredths place. The other numbers round to 0.52.
5	4.32 doesn't belong because it rounds to 4 when rounding to the ones place. The other numbers round to 5.
6	0.67 doesn't belong because it rounds to 0.7 when rounding to the tenths place. The other numbers round to 0.6.
7	2.984 doesn't belong because it rounds to 2.98 when rounding to the hundredths place. The other numbers round to 2.99.
8	7.48 doesn't belong because it rounds to 7 when rounding to the ones place. The other numbers round to 8.

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