

Name: _____

Rounding Decimals to the Nearest Tenth

Round each decimal number to the nearest tenth.

a. 6.78 _____

b. 8.21 _____

c. 3.06 _____

d. 82.92 _____

e. 15.23 _____

f. 42.78 _____

g. 75.02 _____

h. 13.52 _____

i. 9.99 _____

j. 46.18 _____

k. 9.31 _____

l. 61.35 _____

m. 8.15 _____

n. 99.92 _____

o. 99.97 _____

p. 27.46 _____

q. 62.37 _____

r. 0.24 _____

s. 0.51 _____

t. 100.96 _____

List two numbers that would round to 6.7.

_____ and _____

Explain why 2.94 rounds down to 2.9.

Explain why 7.85 rounds up to 7.9.

Name: _____

ANSWER KEY

Rounding Decimals to the Nearest Tenth

Round each decimal number to the nearest tenth.

- | | | | |
|----------|-------------------|-----------|---------------------|
| a. 6.78 | <u>6.8</u> | k. 9.31 | <u>9.3</u> |
| b. 8.21 | <u>8.2</u> | l. 61.35 | <u>61.4</u> |
| c. 3.06 | <u>3.1</u> | m. 8.15 | <u>8.2</u> |
| d. 82.92 | <u>82.9</u> | n. 99.92 | <u>99.9</u> |
| e. 15.23 | <u>15.2</u> | o. 99.97 | <u>100.0 or 100</u> |
| f. 42.78 | <u>42.8</u> | p. 27.46 | <u>27.5</u> |
| g. 75.02 | <u>75.0 or 75</u> | q. 62.37 | <u>62.4</u> |
| h. 13.52 | <u>13.5</u> | r. 0.24 | <u>0.2</u> |
| i. 9.99 | <u>10.0 or 10</u> | s. 0.51 | <u>0.5</u> |
| j. 46.18 | <u>46.2</u> | t. 100.96 | <u>101.0 or 101</u> |

List two numbers that would round to 6.7. **ANSWERS WILL VARY.**

Accept any numbers between 6.65 and 6.74.

Explain why 2.94 rounds down to 2.9.

There is a 4 in the hundredths place. If the number in the hundredths place is 1, 2, 3, or 4, you must round down.

Explain why 7.85 rounds up to 7.9.

There is a 5 in the hundredths place. If there is a 5, 6, 7, 8, or 9 in the hundredths place, you must round up.