

Name _____

Date _____

Rounding Decimals

In this worksheet, we will practice rounding decimals to tenth, hundredth, and thousandth place. First, let us review place value when working with decimals:

In the number 4.567

4: ones place

5: tenth place

6: hundredth place

7: thousandth place

The rounding rule is the same for decimals as for whole numbers: 5 or above, go up 1; 4 or below stay the same. With decimals, though, you can erase the following numbers. You don't have to change them to zeroes.

For example:

4.5678 rounded to the nearest tenth is 4.6

4.5678 rounded to the nearest hundredth is 4.57

4.5678 rounded to the nearest thousandth is 4.568

Exercise Questions:

1. Round 3.7824 to the nearest tenth place.

5. Round 6.3522 to the nearest hundredth place.

2. Round 4.6839 to the nearest tenth place.

6. Round 9.2761 to the nearest hundredth place.

3. Round 5.7125 to the nearest tenth place.

7. Round 7.3192 to the nearest thousandth place.

4. Round 2.9568 to the nearest tenth place.

8. Round 2.3185 to the nearest thousandth place.



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For example:

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Answer Key

1. Round 3.7824 to the nearest tenth place.

3.8

5. Round 6.3522 to the nearest hundredth place.

6.35

2. Round 4.6839 to the nearest tenth place.

4.7

6. Round 9.2761 to the nearest hundredth place.

9.28

3. Round 5.7125 to the nearest tenth place.

5.7

7. Round 7.3192 to the nearest thousandth place.

7.319

4. Round 2.9468 to the nearest tenth place.

2.9

8. Round 2.3185 to the nearest thousandth place.

2.319

