



**THIRD SPACE  
LEARNING**

# Decimal Places Worksheet

Number and Quantity  
5.NBT.A.3, 5.NBT.A.4

**Grades 4 to 5**

## Skill Questions

Name: .....

Date: .....

1 Round 5.162 to one decimal place.

Answer

2 Round 36.715 to the nearest tenth.

Answer

3 Round 21.7349 to the nearest hundredth.

Answer

4 Round 1.73682 to two decimal places.

Answer

5 Round 0.69987 to three decimal places.

Answer

## Decimal Places Worksheet | Grades 4 to 5

6 Round 0.03197 to the nearest thousandth.

Answer

7 Write 27.932 to two decimal places.

Answer

8 Write 3.1415927 to three decimal places.

Answer

9 Write 286.976 to one decimal place.

Answer

10 Round 0.071562 to three decimal places.

Answer

## Applied Questions

- 11** Ben was subtracting some decimals on his calculator and the display showed the answer as 7.8469. Ben needed to round his answer to two decimal places. He wrote his answer is 7.84. Explain the mistake Ben has made in his rounding, and write the correct answer.

Answer

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- 12** A calculator displayed an answer to a calculation as 53.2983613. What is this given to two decimal places?

Answer

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- 13** Troy weight is a system of units of mass used for precious metals and gemstones. One troy ounce is equal to 1.09714 oz. Round the value to the nearest hundredth.

Answer

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## Decimal Places Worksheet | Grades 4 to 5

- 14** List out the possible 2-digit numbers that round to 4 using the digits 1, 3, 8, and 4.

Answer

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- 15** List out all possible 2-digit numbers that round to 2 using the digits 2, 7, 6, and 1.

Answer

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## Answers

Question number	Question	Answers	Standard
1	Round 5.162 to one decimal place.	5.2	5.NBT.A.3 5.NBT.A.4
2	Round 36.715 to the nearest tenth.	36.7	5.NBT.A.3 5.NBT.A.4
3	Round 21.7349 to the nearest hundredth.	21.73	5.NBT.A.3 5.NBT.A.4
4	Round 1.73682 to two decimal places.	1.74	5.NBT.A.3 5.NBT.A.4
5	Round 0.69987 to three decimal places.	0.700	5.NBT.A.3 5.NBT.A.4
6	Round 0.03197 to the nearest thousandth.	0.032	5.NBT.A.3 5.NBT.A.4
7	Write 27.932 to two decimal places.	27.93	5.NBT.A.3 5.NBT.A.4
8	Write 3.1415927 to three decimal places.	3.142	5.NBT.A.3 5.NBT.A.4
9	Write 286.976 to one decimal place.	287.0	5.NBT.A.3 5.NBT.A.4
10	Round 0.071562 to three decimal places.	0.072	5.NBT.A.3 5.NBT.A.4

## Decimal Places Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
11	Ben was subtracting some decimals on his calculator and the display showed the answer as 7.8469. Ben needed to round his answer to two decimal places. He wrote his answer is 7.84. Explain the mistake Ben has made in his rounding, and write the correct answer.	Ben rounded down when he should've rounded up. The answer should be 7.85.	5.NBT.A.3 5.NBT.A.4
12	A calculator displayed an answer to a calculation as 53.2983613. What is this given to two decimal places?	53.30	5.NBT.A.3 5.NBT.A.4
13	Troy weight is a system of units of mass used for precious metals and gemstones. One troy ounce is equal to 1.09714 oz. Round the value to the nearest hundredth.	1.10	5.NBT.A.3 5.NBT.A.4
14	List out the possible 2 that round to 4 using the digits 1, 3, 8, and 4.	3.8, 4.1, 4.3	5.NBT.A.3 5.NBT.A.4
15	List out all possible 2-digi that round to 2 using the digits 2, 7, 6, and 1.	1.6, 1.7, 2.1	5.NBT.A.3 5.NBT.A.4

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