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## Rounding Decimals Worksheets Grade 5

- 1) Can you round the number given below to the nearest tenth?

718.287

- 2) Round 2.72749 to the two significant digits.

- 3) Lizzy has 7.53 at her GPA and she wants to round this to the two significant digits. Can you help her?



- 4) Simplify  $6.2 + 71.36 - 61.783$  to the appropriate significant digit.

- 5) At the end of 1 year, Emily earned \$6,714.33. How much did she earn per month for this year? Give your answer to the 4 significant figures.

- 6) In a city, the average height of the trees is 4.5385 m. Round the height of the trees to the nearest tenths.



7) Fill in the blanks

On rounding to the nearest tenth, hundredth, and thousandth we get

Number	Nearest tenth	Nearest hundredth	Nearest thousandth
728.474			
173.738			
336.285			

8) On rounding off 1,199.4627 to the nearest thousandth, we get:

i) 1,199.463 ii) 1,199.4620 iii) 1,199.462

9) On a trip, Lilly travelled 462.56 km on day 1, 631.53 km on day 2 and 351.827 km on day 3. Find out the total distance she travelled in these 3 days to the 6 significant digits.



10) Simplify  $5.72 \times 100$ .

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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

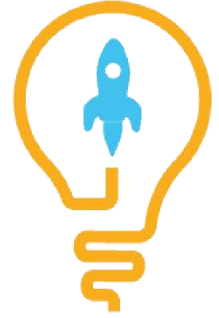
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	718.3
2)	2.7
3)	7.5
4)	15.8
5)	559.5
6)	4.5 m
7)	i) 728.5, 728.47, 728.474 ii) 173.7, 173.74, 173.738 iii) 336.3, 336.29, 336.285
8)	i) 1,199.463
9)	1445.92
10)	572

## FUN FACT

1. The existence of the rounding concept is found way before than division concept.
2. We often use the wavy equal sign to denote rounding off.
3. Rounding of the length of the year was done in ancient times.

