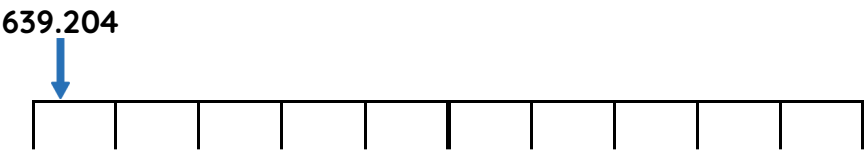# Master Rounding Decimal Numbers to Any Degree of Accuracy
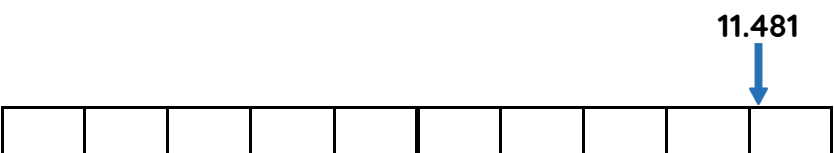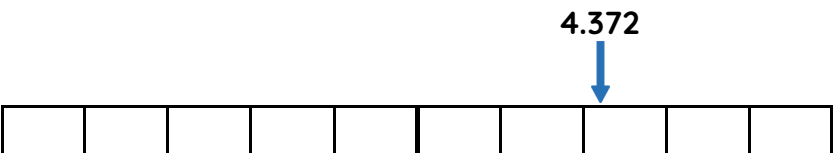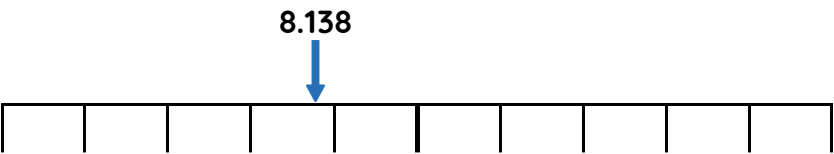
Fluency 1

Write the multiples used to round to 1 and 2 decimal places.

8.138

4.372

11.481

639.204

Fluency 2

Complete the stem sentences using the decimals in F1

The multiples of 0.1 before and after _____ are _____ and _____. _____ rounded to 1 decimal place is _____

The multiples of 0.01 before and after _____ are _____ and _____. _____ rounded to 2 decimal places is _____

Fluency 3

Complete the table.

Number	Nearest Whole Number	1 Decimal Place	2 Decimal Places
7.816			
0.384			
463.745			

Reasoning, answers and teaching slides are available with a subscription.

Fluency

Master Rounding Decimal Numbers to Any Degree of Accuracy

Fluency 4

Write your own decimal numbers with 3 decimal places to complete the stem sentences.

_____ rounds to **5.7** to the nearest 1 decimal place and **5.68** to 2 decimal places.

_____ rounds to **23** to the nearest whole number and **22.9** to 1 decimal place.

_____ rounds to **144** to the nearest whole number and **144.02** to 2 decimal places.

_____ rounds to **10** to the nearest whole number and **9.7** to 1 decimal place.

_____ rounds to **0** to the nearest whole number and **0.35** to 2 decimal places.

_____ rounds to **952.2** to the nearest 1 decimal place and **952.16** to 2 decimal places.

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