



# ROUNDING DECIMALS CHALLENGE 6

Use the clues to find the correct answer from the eight possibilities.

## CHALLENGE A

- My value is between  $\frac{1}{4}$  and  $\frac{3}{4}$
- I have 3 decimal places.
- My nearest tenth is 0.6
- If you round me to the nearest hundredth, I round up.

Who am I?

0.317	0.764	0.562	0.64
0.598	0.602	0.657	0.547

## CHALLENGE B

- If you round me to the nearest whole, I round up.
- If you round me to the nearest tenth, I round down.
- If you round me to the nearest hundredth, I round up.
- None of my digits are multiples of 3.

Who am I?

4.618	3.725	5.128	1.827
7.514	8.227	9.717	5.625





# ROUNDING DECIMALS CHALLENGE 6 ANSWERS

## CHALLENGE A

- My value is between  $\frac{1}{4}$  and  $\frac{3}{4}$
- I have 3 decimal places.
- My nearest tenth is 0.6
- If you round me to the nearest hundredth, I round up.

Who am I?

0.317	0.764	0.562	0.64
<u>0.598</u>	0.602	0.657	0.547

## CHALLENGE B

- If you round me to the nearest whole, I round up.
- If you round me to the nearest tenth, I round down.
- If you round me to the nearest hundredth, I round up.
- None of my digits are multiples of 3.

Who am I?

4.618	3.725	5.128	<u>1.827</u>
7.514	8.227	9.717	5.625

