Rounding to significant figures

1

Round 6283 to 2 significant figures.

Th	H	T	O
6	2	8	3

Answer _____

2

Round 0.00572 to 2 significant figures.

O	t	h	th	tth	htth
0	0	0	5	7	2

Answer _____

3

Round 38 415 to 3 significant figures.

TTh	Th	H	T	O
3	8	4	1	5

Answer _____

4

Round 4.073 to 3 significant figures.

O	t	h	th
4	0	7	3

Answer _____

5

Round 0.08164 to 2 significant figures.

O	t	h	th	tth	htth

Answer _____

6

Round 52 690 to 1 significant figure.

TTh	Th	H	T	O

Answer _____

7

Jas rounds 0.0471 to 2 significant figures and writes 0.05. Explain the mistake. Then write the right answer.

Answer _____

8

Ben says 60 380 rounded to 2 significant figures is 60. Is Ben right? Explain how you know.

Answer _____

Rounding to significant figures *further practice*

9

Round 0.3049 to 3 significant figures.

Answer _____

10

Round 27 846 to
a) 1 significant figure
b) 2 significant figures
c) 3 significant figures

a) _____

b) _____

c) _____

11

A theme park had 18 726 visitors on Saturday. Write this number to 2 significant figures.

Answer _____

12

A hair is 0.0718 mm thick. Round this to 1 significant figure.

Answer _____

13

Which of these numbers are 4000 when rounded to 1 significant figure?

3512 4490 4506 3449

Answer _____

14

A number rounded to 2 significant figures is 0.63. Write down a number it could have been.

Answer _____

15

A rectangle is 12.46 cm long and 8.37 cm wide. Work out its perimeter. Give your answer to 3 significant figures.

Answer _____

16

Lena rounds 0.0408 to 2 significant figures and gets 0.041. Kai gets 0.04. Who is right? Explain how you know.

Answer _____