Rounding: decimal places and significant figures

Exit ticket ANSWERS Name _____

1. Round 6.4372 to 2 decimal places.

6.44

2. Round 73 850 to 2 significant figures.

74 000

3. Round 0.05083 to 2 significant figures.

0.051

The Maths Habit

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NEXT LESSON

1 **Round 6.4372 to 2 decimal places.**

6.44

TESTS — Rounding to decimal places: the deciding digit

LOOK FOR — *6.43* cut off the digits without rounding

6.4 gave 2 significant figures

FIX IT — Round 3.8164 to 2 decimal places. *3.82*

2 **Round 73 850 to 2 significant figures.**

74 000

TESTS — Significant figures in a large number, keeping the place value zeros

LOOK FOR — *74* left out the zeros, so the number shrank

73 000 cut off the digits without rounding

FIX IT — Round 58 620 to 2 significant figures. *59 000*

3 **Round 0.05083 to 2 significant figures.**

0.051

TESTS — Starting to count at the first digit that is not zero

LOOK FOR — *0.05* rounded to 2 decimal places

0.050 cut off the digits without rounding

FIX IT — Round 0.07264 to 2 significant figures. *0.073*