

## 23.2.21 MLJ is to round decimals 😊 😊 ? (Year 5)

Rounding decimals follows the same rules as rounding any number. If the key digit is between 1 and 4 you round down; if it is between 5 and 9 you round up.

The key digit will be the one to the right of the digit to which you are rounding. If you are rounding a number to the nearest one, you focus on the 'tenth' digit; if rounding to one decimal place (the nearest tenth), then the 'hundredth' digit is the key one. So,

3.48 rounded to the nearest one is 3 as the '4' rounds down.

3.48 rounded to one decimal place is 3.5 as the '8' rounds up.

**1** Round the following numbers to the nearest one:

a 4.29

b 8.72

c 27.51

d 75.48

e 999.52

f 7,687.73

**2** Round the following numbers to one decimal place (the nearest tenth):

a 9.36

b 0.45

c 69.29

d 86.66

e 538.44

f 2,972.86

## RED HOT CHALLENGE

The following numbers have been rounded to one decimal place. What number with two decimal places might they have been originally?

a 8.3

b 17.8

c 67.1

d 569.6

e 3,829.4

f 72,853.9