

23.2.21 MLJ is to round decimals 😊 😞 ? (Year 6)

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.

Round these to the nearest whole number and nearest tenth

- a 67.23 \_\_\_\_\_                      b 48.07 \_\_\_\_\_
- c 124.78 \_\_\_\_\_                      d 90.14 \_\_\_\_\_
- e 54.53 \_\_\_\_\_                      f 7.06 \_\_\_\_\_

Now round these numbers to the nearest hundredth:

- a 58.127 \_\_\_\_\_                      b 70.345 \_\_\_\_\_
- c 45.007 \_\_\_\_\_                      d 78.134 \_\_\_\_\_
- e 89.036 \_\_\_\_\_                      f 36.231 \_\_\_\_\_

**Red Hot Challenge**

Look at the following meal options.

a Round each price to the nearest pound and total the estimated cost of each option below:

Choice 1		
Hamburger	£4.95	
Can of drink	£2.25	
Large chips	£1.15	
<b>Total</b>		

Choice 2		
Jacket potato with cheese	£7.95	
Hot chocolate	£0.95	
Salad	£2.98	
<b>Total</b>		

Choice 3		
Salad roll	£5.15	
Juice	£2.25	
Biscuit	£1.95	
<b>Total</b>		

b You have £10. Circle the choices you can afford.