

Week 2: Rounding

What does it mean?

In year 7 you will recap on rounding to 10, 100 and 1000. You could be asked to round from a whole or decimal number and the same rules apply.

5 or above round up
↑
4 or below remain the same/round down
↓

For example: Round 1239 to the nearest 1000.

1 2 3 9 ← The blue number is the thousands, the red number (hundreds), tells us what to do.

2 is below **5** so we round down.

1239 rounded to the nearest 1000 = 1000 (rounded down)



Need more guidance? [click here for video](#)

Task



Round the following whole numbers to the nearest 10, 100 and 1000.

a) **3541**

Nearest 10: _____

Nearest 100: _____

Nearest 1000: _____

d) **8767**

Nearest 10: _____

Nearest 100: _____

Nearest 1000: _____

b) **9435**

Nearest 10: _____

Nearest 100: _____

Nearest 1000: _____

e) **5912**

Nearest 10: _____

Nearest 100: _____

Nearest 1000: _____

c) **2112**

Nearest 10: _____

Nearest 100: _____

Nearest 1000: _____

f) **4920**

Nearest 10: _____

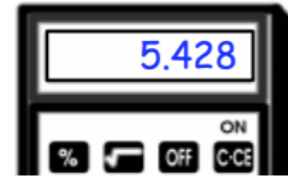
Nearest 100: _____

Nearest 1000: _____

Problem Solving

Question 1: 51.26% of the people living in a town are female.
Round this figure to one decimal place.

Question 2: Walter has worked out a calculation on a calculator
Shown on the calculator is the answer.



- (a) Round the answer to one decimal place
- (b) Round the answer to two decimal places

Question 3: Daniel has been asked to round 1.725 to one decimal place.
His answer is 172.5
Explain Daniel's mistake.

Question 4: Nicole has rounded a number to one decimal place.
Her answer is 9.2
Write down 10 different possible numbers that she could have rounded.

Question 5: A chocolate bar contains 0.4715g of salt.
Round this to two decimal places.

Question 6: Dominic writes down two numbers, A and B.
A and B have 2 decimal places.
Dominic rounds A to 1 decimal place and calls his answer C.
He rounds B to 1 decimal place and calls his answer D.
Dominic says the difference between A and B cannot be the same as the
difference between C and D.
Show he is incorrect



Weekly Challenge:

80 people take part in a race.

- The ratio of children to adults in the race is **2:3**.
- The mean time for the adults is **2 minutes 15 seconds**.
- The mean time for all 80 people is **3 minutes**.

Find the mean time for the children.

Now complete the online quiz:

[click here for online quiz](#)