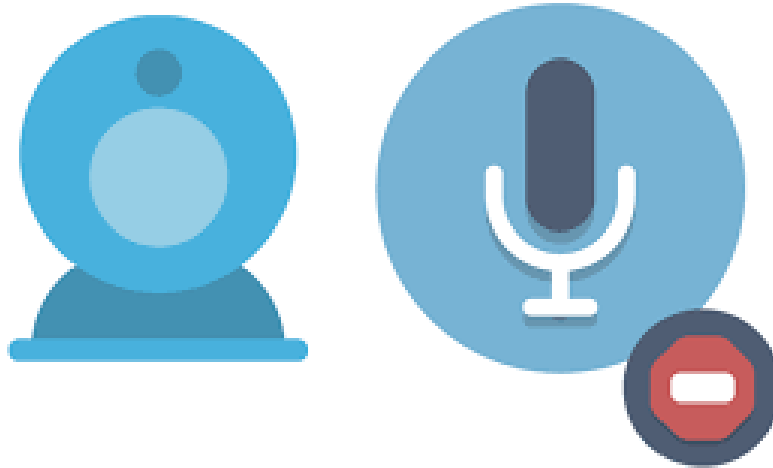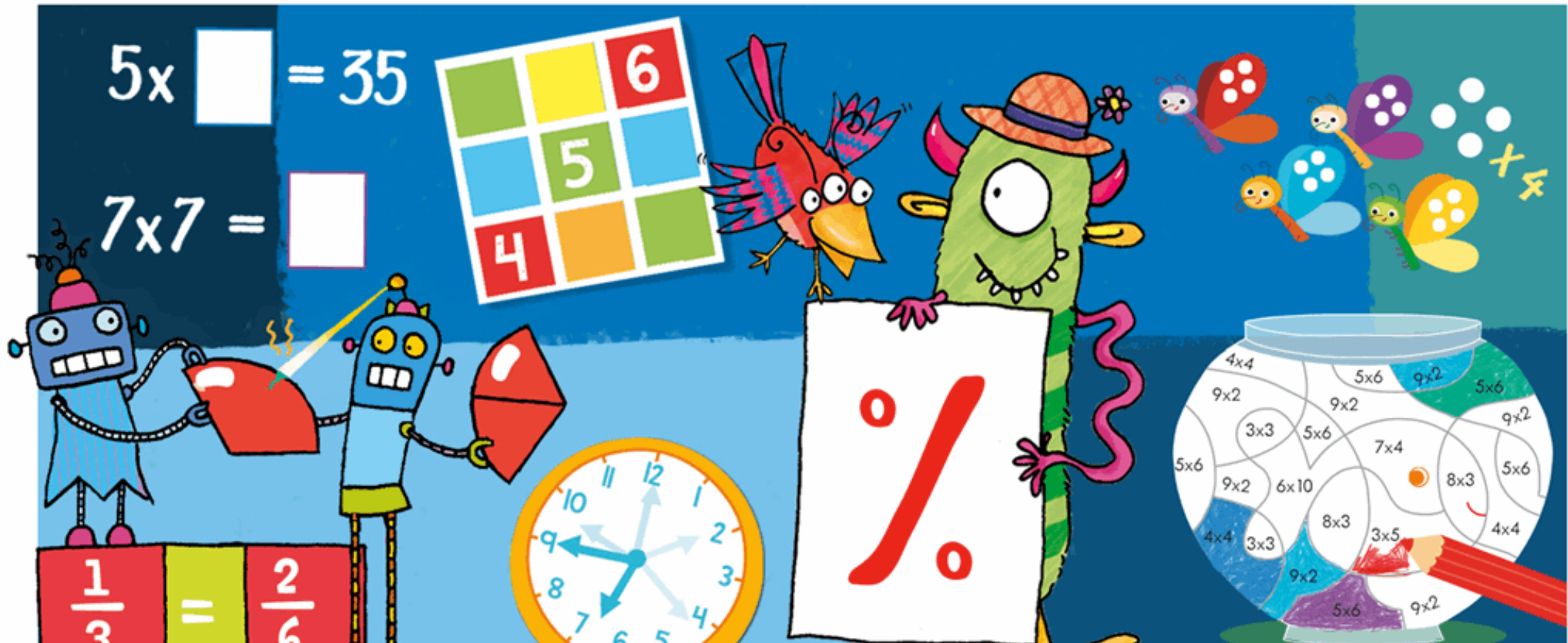# Welcome to Year 4 Maths

The lesson will begin at 11:15am

Turn your camera and microphone off please

Maths Meeting

Sometimes, always or never?

Numbers that end in a zero in the ones column are even

345

Read this number
What is the value of the digit 5?
Multiply the number by 10.
What is 0.2 less?

What is the missing number?

4550 ____ + 5450 = 10,000

5450 + **4550** ____ = 10,000

10,000 − **4550** ____ = 5450

10,000 − 5450 = **4550** ____

Ron and Eva each make a 3-digit number from these digit cards.

3 **6** **8**

- Ron makes the largest even number possible.   **836**
- Eva makes the smallest odd number possible.   **683**

What is the difference between their numbers?   **836 − 683 = 153**

What units of measure would you use for the following;

A walk to school Kilometers/meters

A pencil Centimeters/ millimeters

A length of a TV programme.

Hours/ minutes

Key Vocabulary

Metre

Kilometre

Convert

Equivalent

Kilo- prefix

Key Vocabulary

To convert from kilometres to metres, multiply by 1,000.

To convert from metres to kilometres, divide by 1,000.

When multiplying by 1,000, the digits move three places to the left.

When dividing by 1,000, the digits move three places to the right.

I will know how to convert kilometres and metres.

7 kilometres	
3,700 metres	**?**

A) 4,300 metres

C) 7,000 metres

B) 3,300 metres

D) 4 kilometres

I will know how to convert kilometres and metres.

Would you use millimetres, centimetres, metres or kilometres to measure each of these?

Explain your answers.

Finger nail **mm**

mm Tip of a pencil

Doorway **m**

Desk **cm**

cm Pencil

Football pitch **m**

Distance from home to school **km**

Classroom **m**
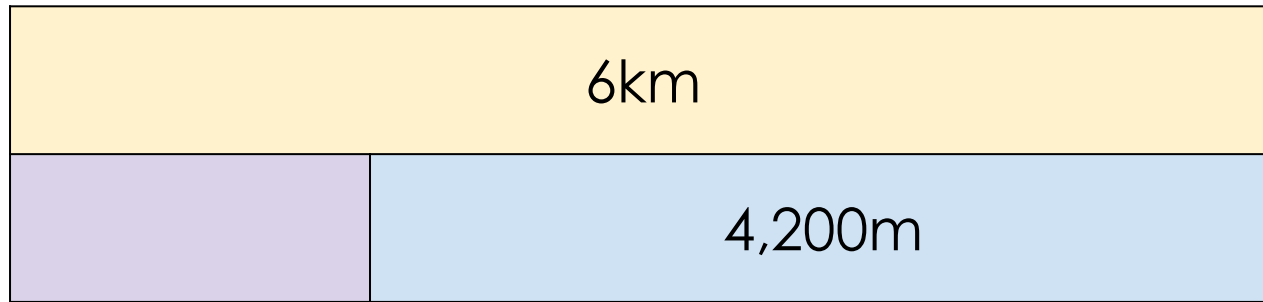
I will know how to convert kilometres and metres.

I do

Complete the table.
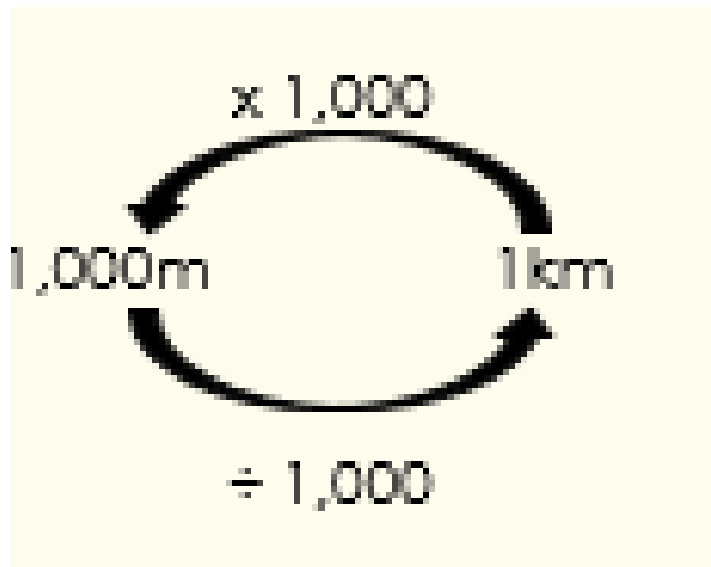
metres	kilometres
5,000m	5km
9,000m	9km
3,000m	3km
7,000m	7km

I will know how to convert kilometres and metres.

The astronaut is trying to complete the bar model.

6km

	4,200m

The missing number is 2,800m.

The astronaut is wrong.

6km = 6,000m

6,000m − 4,200m = 1,800m

Is she correct?

I will know how to convert kilometres and metres.

We do-

1a. Match up the equal distances.

$3\frac{1}{2}$ km
7,500m
4,000m
6km

4km
6,000m
3,500m
$7\frac{1}{2}$ km

We do- Problem solving

6a. Jakub has cycled 2,500m.

Morgan has cycled 2km.

Morgan says,

I've cycled the same distance as Jakub.

Is Morgan correct? Explain your answer.

Now go onto the assignments page on Teams and complete your assignment. Either submit via Teams if you cannot do this please email your work to year4@oasisskinnerstreet.org

I will know how to convert kilometres and metres.

Plenary

4a. Which 3 distances combined make $3\frac{1}{2}$ km?

$2\frac{1}{4}$ km

1,000m

500m

3,000m

2km