

Maths Challenge – 08.02.21

- A classroom table measures 200cm in length, and 100cm in width. We have 3 tables altogether. What is the total area?
- How could you make this question easier for yourself? Think about the different units we use to measure length.



Maths Challenge – 09.02.21

White paper costs £1 per square meter. Sam has £16 to spend.

- Write the dimensions of 3 different size pieces of paper he could buy and draw a picture for each.



Maths Challenge – 10.02.21

A car takes up 8 square meters in a carpark. William Martin wants to build a car park to fit 60 cars, so that all its staff can find a space.

- How many meters squared will out car park need to be.
- Can you create 2 plans for what the car park could look like, including the dimensions.

Maths Challenge – 11.02.21

William Martin school's hall is 50 meters by 80 meters. One tin of polish will cover 100m squared of floor.

- How many tins of polish will we need to buy?
- It takes 1 hour and 30 minutes to use one tin of polish. How long will it take to polish the entire floor?



Maths Challenge – 13.02.21

Astro turf for a tennis court costs £5 per square meter. Mr O'Reilly places an order for £10,000 worth of astro-turf. He wants to build a tennis court that is 50 meters by 50 meters.

- Will he have enough astro-turf to build the tennis court?
- How much more money will he need to spend to build his tennis court?

Remember to give the challenges a go, and if you get stuck, next week you will be able to watch a video explaining how to work them out. Good luck!