

HOME LEARNING

Subject: Maths Week 1 Lesson 1

Time to complete: 40 minutes

Learning Objective: Find the area of rectilinear shapes by counting squares.

Hello Year 7's,

Happy New Year to you all! Hopefully we will not stay close for long and I will see your lovely smiles soon. However, for now we just need to keep going. Here is some maths for you to work on. Have fun and keep smiling 😊

Best wishes,
Mr Duncan

Task 1

Click on the link below and watch this video. You can pause the video or go back and watch it again if you don't understand or missed something.

[https://m.youtube.com/watch?v= uKKI8R1xBM](https://m.youtube.com/watch?v=uKKI8R1xBM)

Task 2

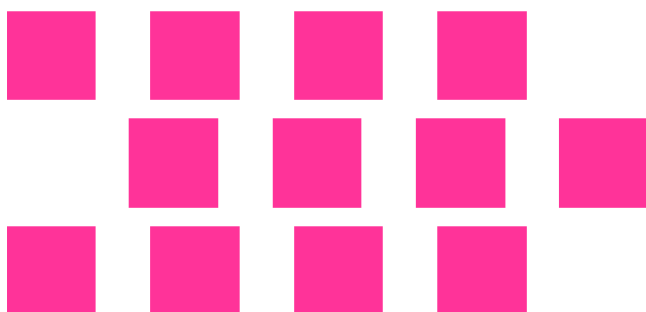
Now please complete these worksheets:

<https://resources.whiterosemaths.com/wp-content/uploads/2019/12/Y4-Spring-Block-2-WO2-Counting-squares-2019.pdf>

Task 3

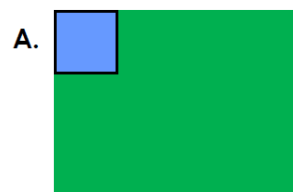
Now try to answer these questions:

2a. Christy is making a 4-sided shape using all of the squares below.



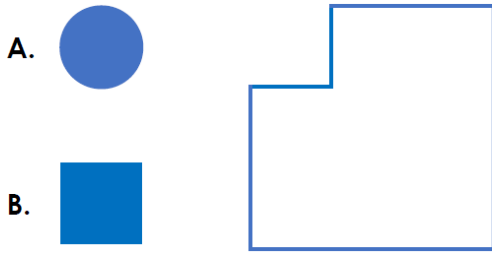
**Create two shapes Christy could make.
What is the area of each shape?**

3a. Which shape is the odd one out? Use the reference square to help you.



Explain your choice.

4a. Aiden is choosing a carpet tile to use to cover the space below. He wants the tiles to cover the area completely.



Which tile should he use? Explain your answer.



R

Save your work:

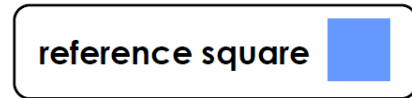
If you are using a computer, open a blank document to do your work (you can use Word or Publisher). Don't forget to SAVE it with your name, the lesson you are doing and the date.

For example: Mrs Nowacka Maths Lesson 1

If you would like us to see or mark your work please email it or send a photo of your completed work to your maths teacher Mr Duncan gduncan@glebe.bromley.sch.uk

Thank you 😊

5a. Keira has started making a 6-sided shape using squares. The surface of her shape will have an area of 15 squares.



Use the reference square to work out how many squares need adding, then find two ways to complete Keira's shape.



