

Thursday 2nd July

Good morning!

Maths: To draw 2D shapes.

English: To imagine the responses of the light house keeper.

Suggested afternoon activities –

Mexico: This week we will be looking at the culture and traditions of Mexico! Take a look at the suggested activities on the last slide. Feel free to look at ideas from other classes too!

Present your work in written, picture, poster, model or any other form you like!

Spelling: This week we will be looking at when to use the 'oi' spelling and when to use 'oy'.

You usually use 'oy' at the end of a root word.

toy destroy annoy

You usually use 'oi' at the beginning or in the middle of a root word.

oil coin spoil noise

HOWEVER use 'oy' before a vowel... otherwise it will look strange!

royal not roial!

Fill in the missing 'oy' or 'oi' spelling pattern to complete these words.

If you have any foam letters or magnetic letters can you arrange them to make some 'oi' and 'oy' words?



c _ _ n	j _ _ n	disapp _ _ nt
j _ _ nt	v _ _ ce	b _ _
conv _ _	b _ _ l	p _ _ nt
s _ _ l	rej _ _ ce	destr _ _
empl _ _	_ _ ntment	t _ _ let
f _ _ l	n _ _ se	sp _ _ l
disj _ _ nt	t _ _	p _ _ son
expl _ _ t	av _ _ d	j _ _ n
ann _ _	ch _ _ ce	c _ _ l
app _ _ nt	j _ _ st	enj _ _

ARITHMETIC: CAN YOU CALCULATE HOW MANY MORE TO MAKE 100 IN YOUR HEAD?

Warm Up:
How many more to make 100?



50

53

10.5

25

26

$33\frac{1}{2}$

85

87

7.2

30

33

$15\frac{1}{4}$

97

9

9.9

35

38

1.11

5

17

-17

The red numbers are the most challenging! Try these if you want to push yourself. Hint: It is a good idea to make the number up to a whole number first.

MATHS:

In maths for the rest of the week we will be looking at shape. Today we will look at drawing 2D shapes and modelling 3D shapes!

Shape vocabulary you will need for this lesson:

Vertices - corners. The point where two edges meet.

Edge - The sides of a shape.

Quadrilateral - a four-sided shape.

Regular - when all edges and inside angles are equal.

Irregular - when edges and angles are not all equal.

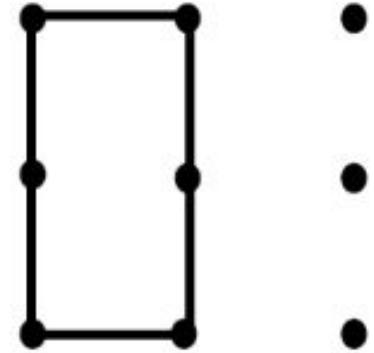
MATHS: TO DRAW 2D SHAPES.

Challenge 1:

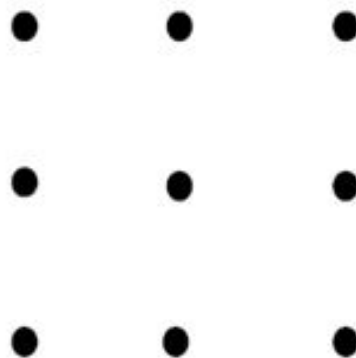
Draw the shapes using the dots to help you. If you find it easier, you can use a blank/squared piece of paper and stick it into your exercise book.

Drawing 2D shapes

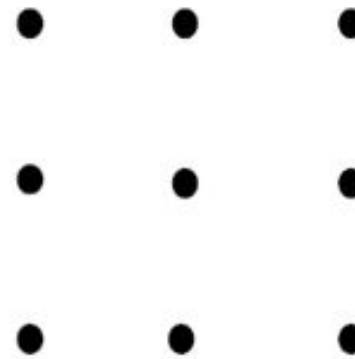
Your child will need a ruler and a pencil. Please encourage your child to use the dots to draw the shapes. If your child is struggling with this task then please draw the shape using a crayon/ highlighter and allow them to trace the shape (with a ruler).



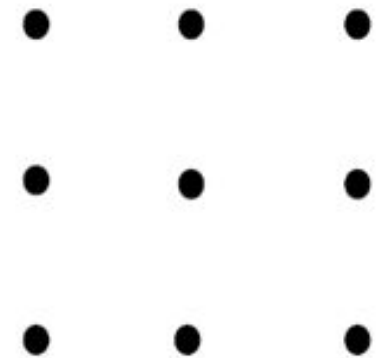
Rectangle



Triangle

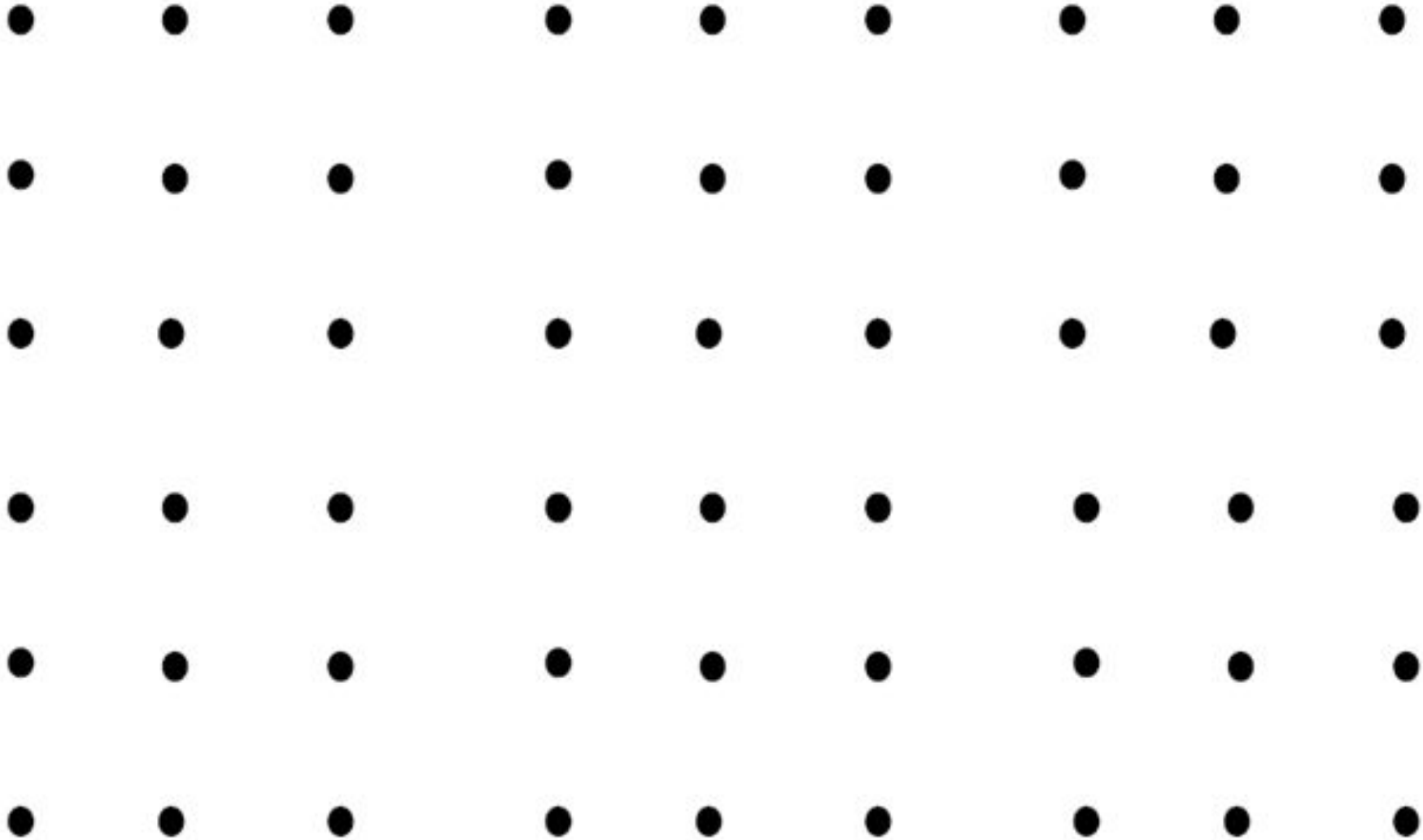


Square



Pentagon

Now have a go at drawing the following shapes: hexagon, heptagon, octagon, decagon, trapezium and rhombus. Use your chart from yesterday's work to remind you of how many edges they have.

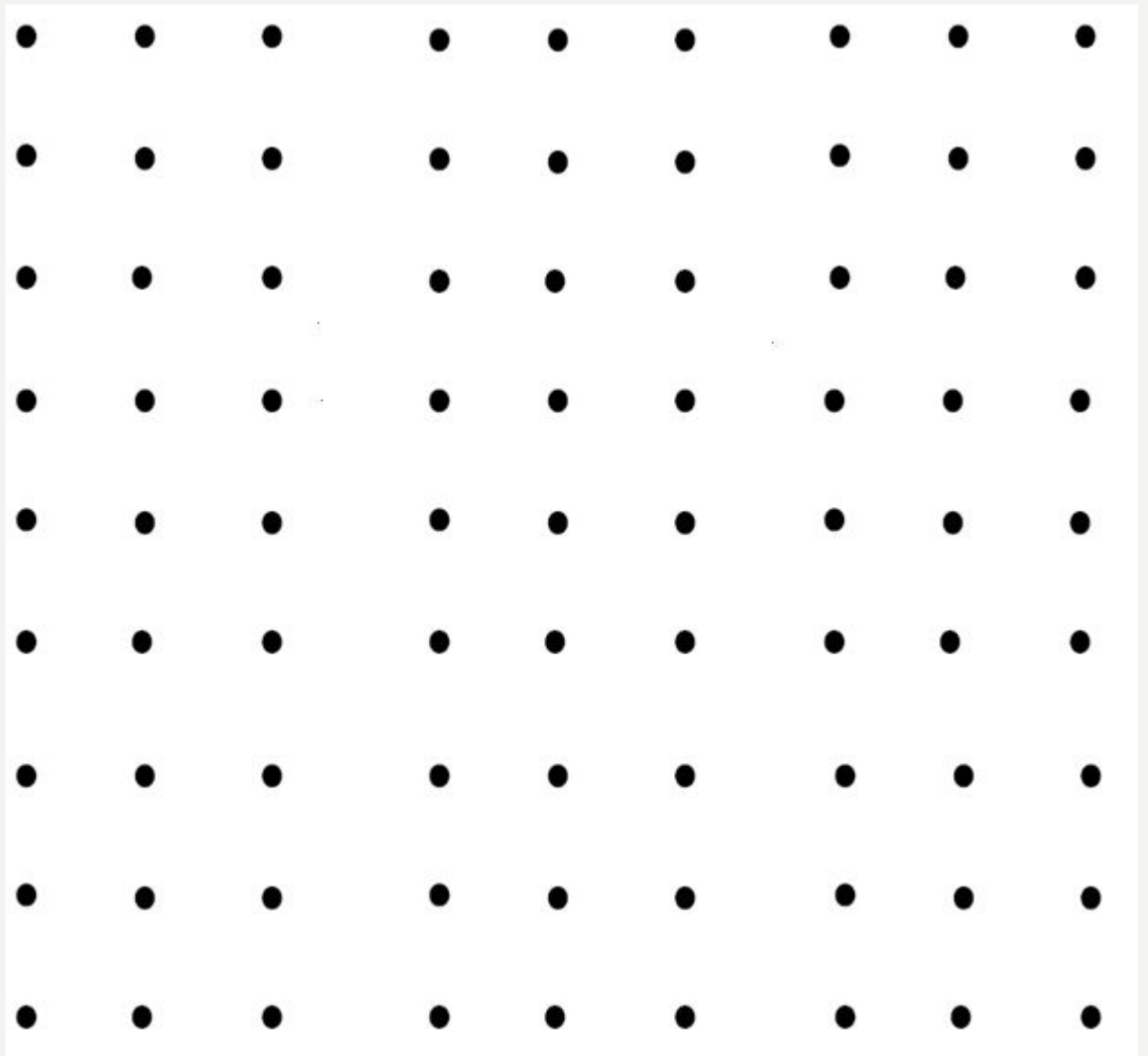


Challenge 2: Can you draw the following shapes using a ruler to measure out each edge to the correct length? You will also need to know what the words regular and irregular mean.

Regular - all edge lengths are the same.

Irregular - some or all edge lengths are different lengths.

- 1.) A regular hexagon with edges of 2cm.
- 2.) An irregular pentagon with 2 sides of 1cm and 3 sides of 0.5cm.
- 3.) A regular octagon with sides of 1.5cm.
- 4.) An irregular heptagon (you can make up your own lengths for this one!)



5.) A regular rhombus with edges of 3cm.

6.) A regular triangle with edges of 2cm. What is this type of triangle called when all edges are equal length?

7.) An irregular decagon. You can choose the edge lengths.

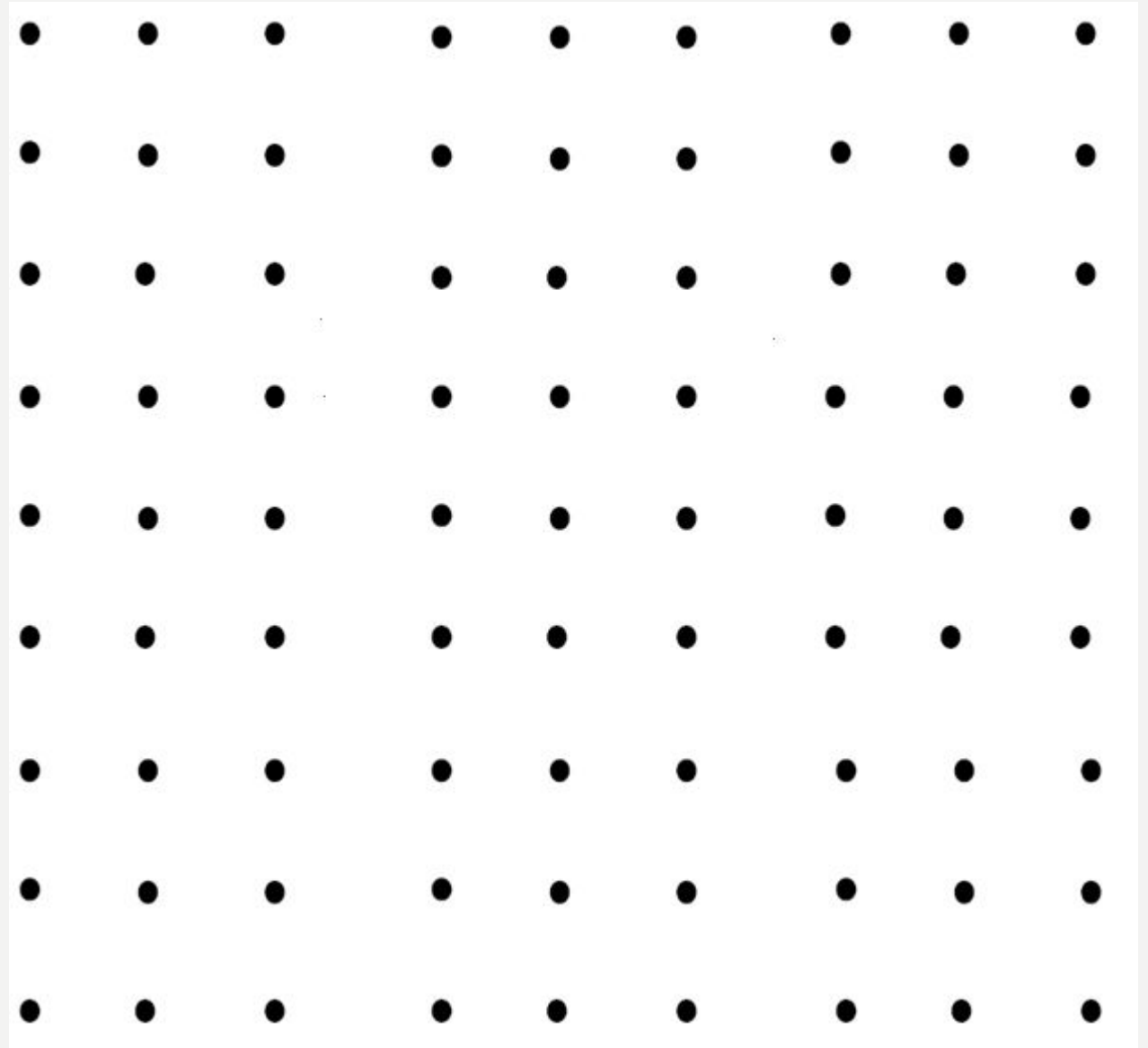
8.) A square. Will this have to be regular or irregular?

9.) An irregular kite with 2 edges of 2cm and 2 edges of 4cm.



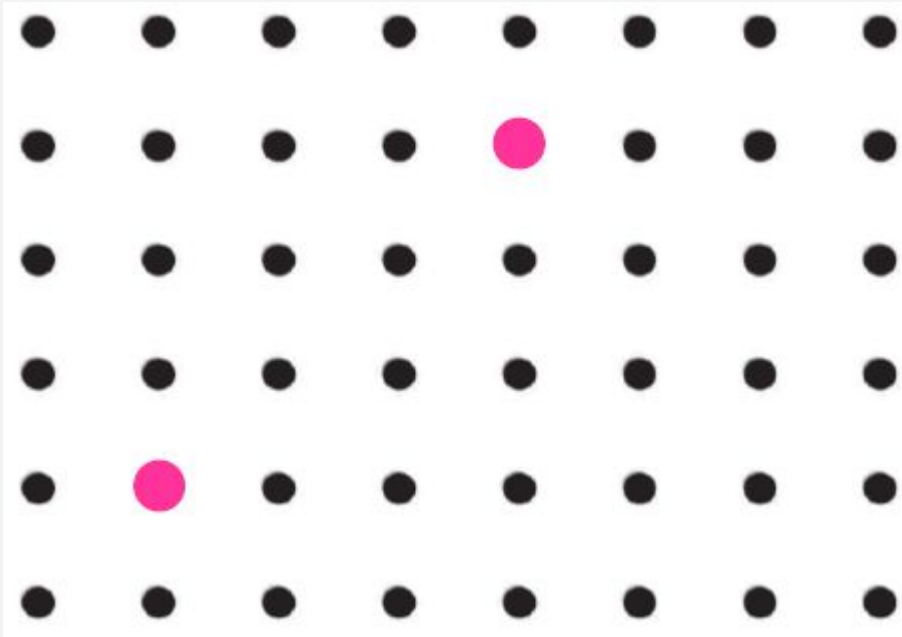
Super challenge!

10.) An irregular trapezium with parallel edges of 3cm and 5cm.

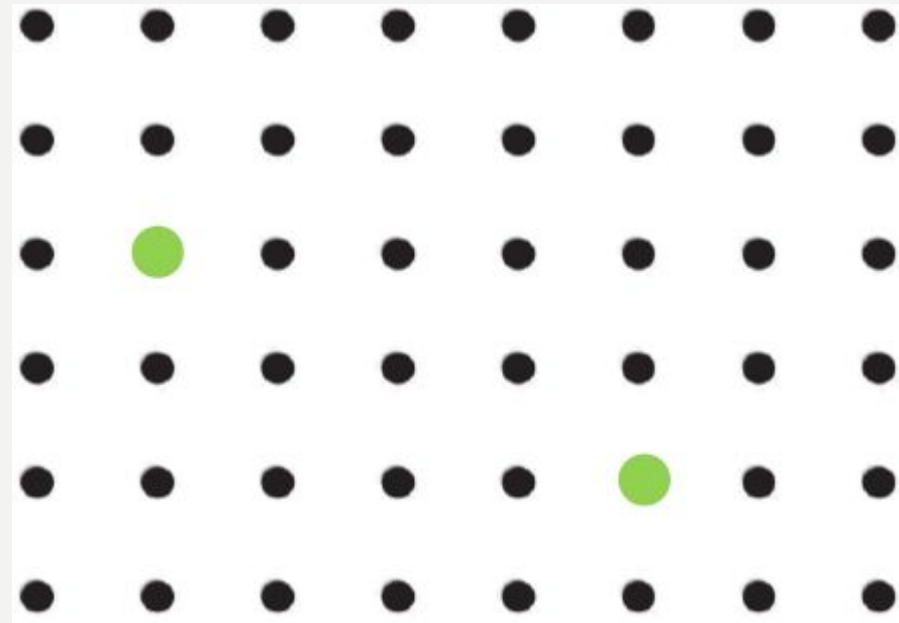


Challenge 3:

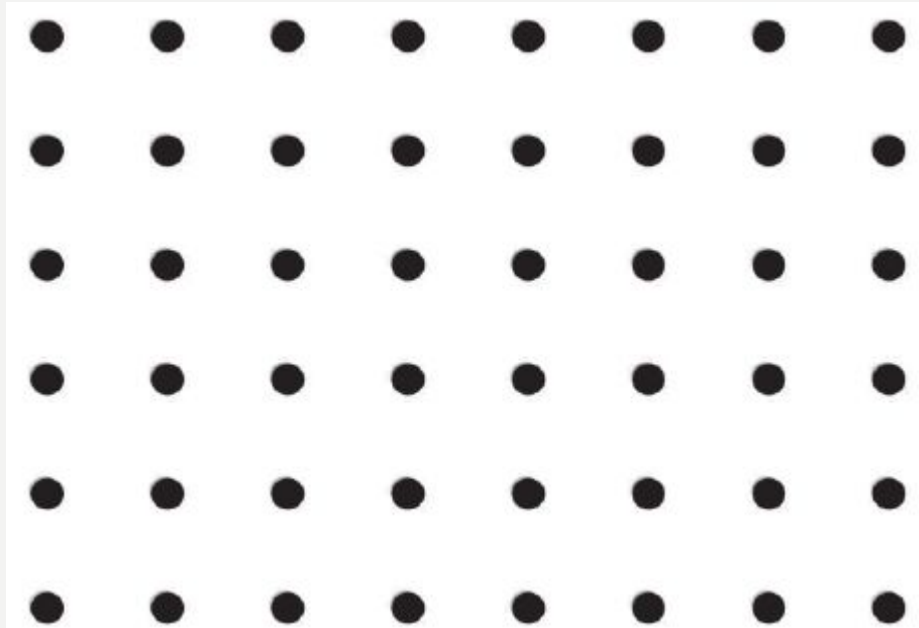
Macie is drawing a shape. She says if she adds two more dots she can draw a rectangle. Is she correct? Prove it.



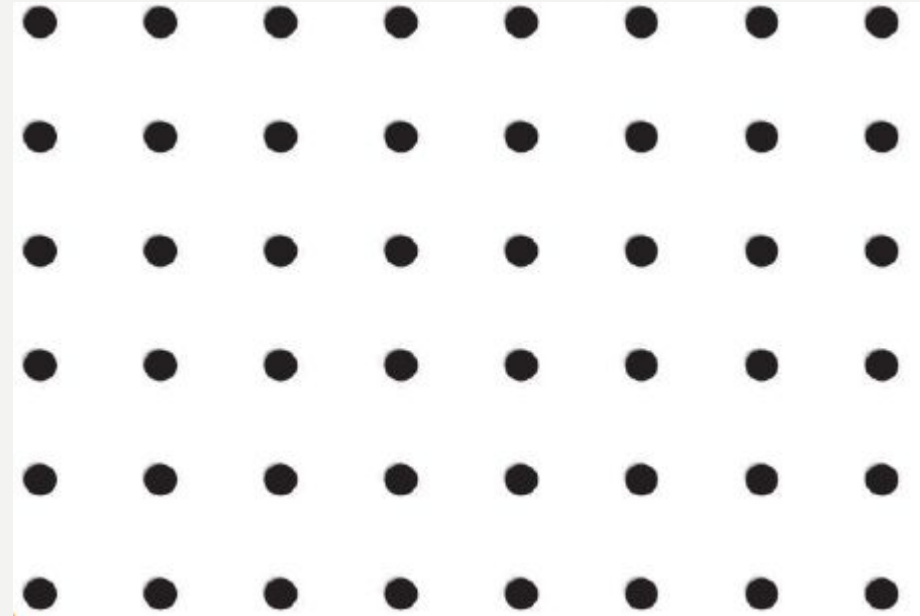
Arthur is drawing an irregular octagon. He has marked two of the vertices on his grid. What could his finished shape look like?



Draw a pentagon, triangle and rectangle of different sizes that do not touch.



Draw a square, hexagon and pentagon, of different sizes, that overlap one other shape.



ENGLISH: TO COME UP WITH RESPONSES FROM THE LIGHT HOUSE KEEPER.

Today I would like you to think about the responses that the lighthouse keeper might give to your questions from yesterday. Watch the video again to remind you of what happened at the lighthouse.

Then, either think of what his answers might be yourself, or ask a friend/family member to pretend to be the light house keeper and answer your questions.

https://www.youtube.com/watch?time_continue=160&v=6HfBbSUORvo&feature=emb_logo



Here is an example of an answer that the lighthouse keeper might give:

Q: How did you feel when you saw the ship approaching the rocks and realised that the light wasn't shining?



A: Well, my first thought was to panic! I gasped and immediately started thinking about how close to oblivion the ship was. I dashed up to the top of the tower but as you know, a terrible accident meant that the light was smashed.

Write the answers to your questions into your exercise book. Next week we will look at how we can turn them into direct speech for quotations for our newspaper article.



Mexico

This week we are looking at the culture, language and traditions of Mexico.

- 1.) Practice some Spanish on the website Duolingo (you will need to make an account, but this is free). You could also try to find some ancient Aztec words!
- 2.) Find out about the Mayans and the Aztecs- traditional indigenous people of Mexico. How did they live, eat and work? What did they do for fun? What happened when the Spanish came to Mexico? Maya information and clips: <https://www.bbc.co.uk/bitesize/topics/zq6svcw>
- 3.) Research Aztec Gods. Can you draw one and label the diagram with any special features they have?
- 4.) Find out about Ojos de Dios (God's eyes) and try making your own. What do they represent? What were they used for and by whom?
- 5.) Research some traditional Mexican foods and try to make them. You could make salsa and dips and eat them with tortillas and nachos. Or try something more exotic like mole or tres leches cake!
- 6.) Explore Mexico's links with chocolate: <https://www.bbc.co.uk/bitesize/articles/zngsqp3>
Can you come up with your own price list using chocolate as money? What could 1 chocolate bar buy you? What could 10?
- 7.) Find out about ancient ball game called 'pltz' played by the Mayans and try playing it yourself.

