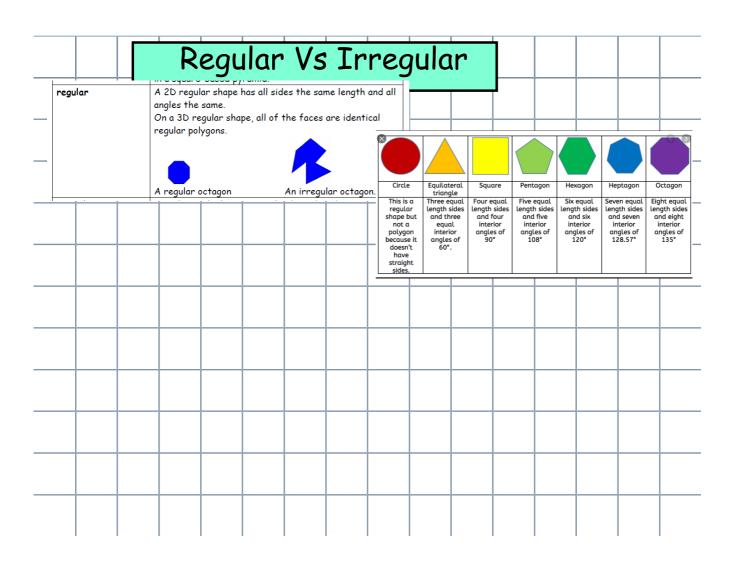
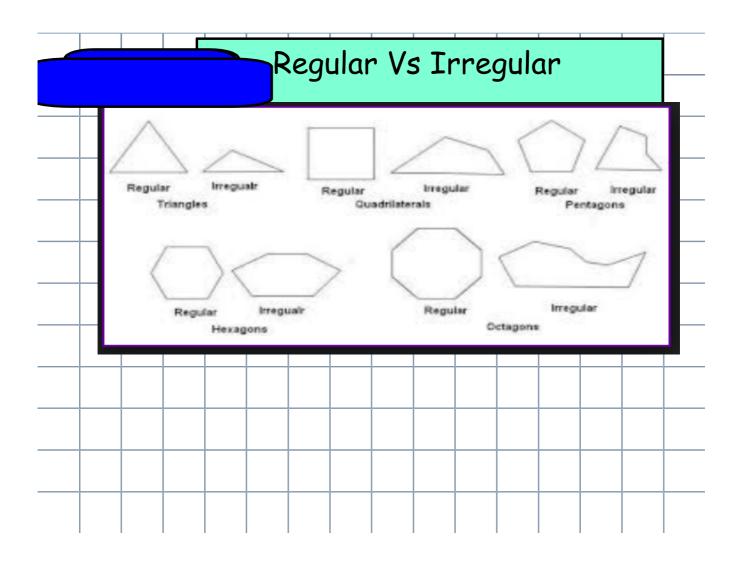
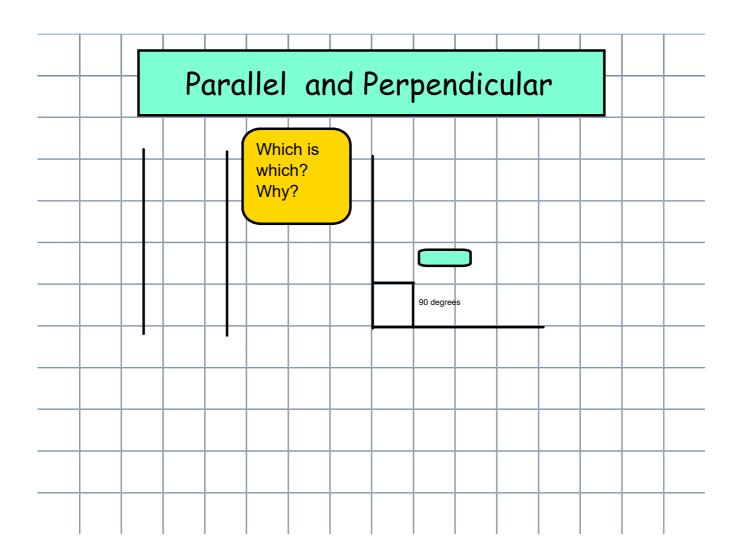
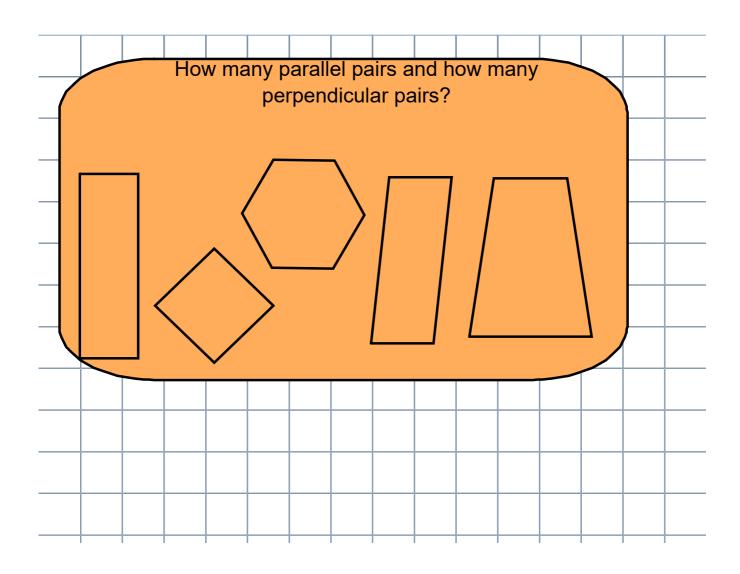
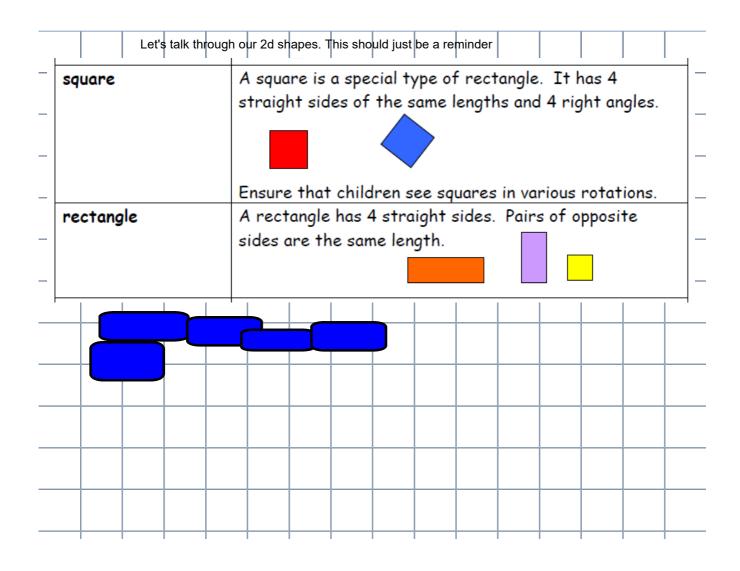
LO: To identify propert	ies of 2D shapes
Monday	Success Criteria * I can name basic 2d shapes ** I can discuss their properties ***I can define and identify key 2d shapes



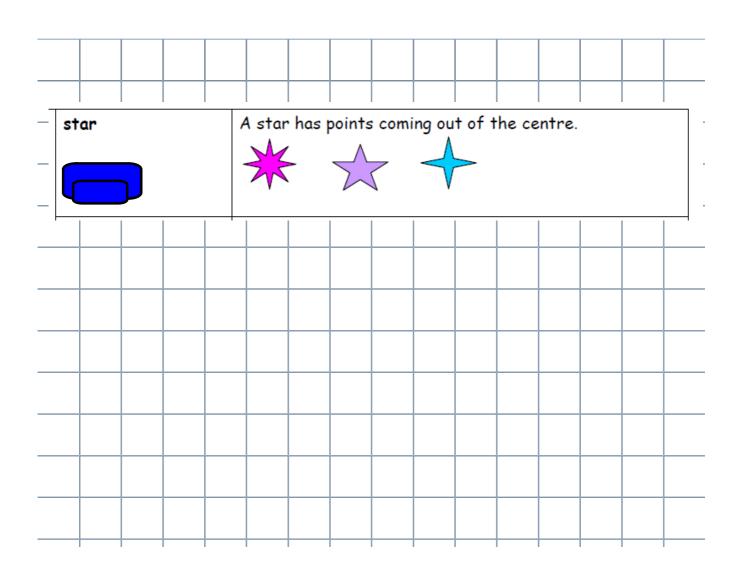


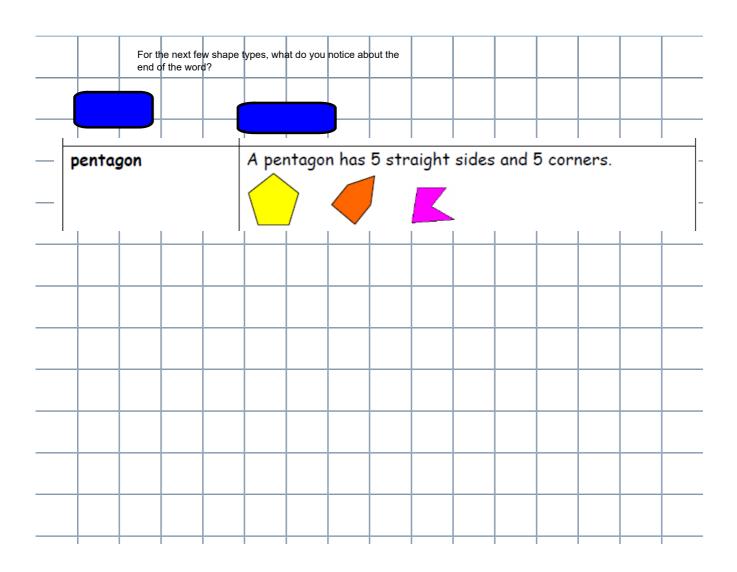


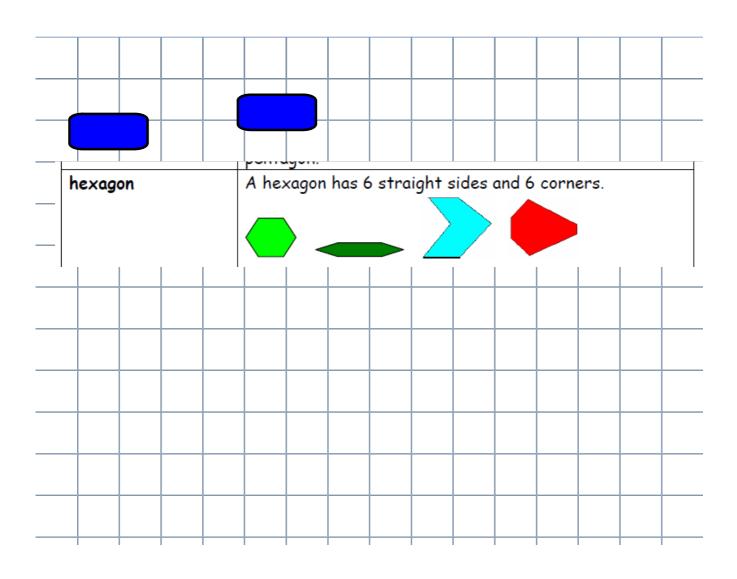


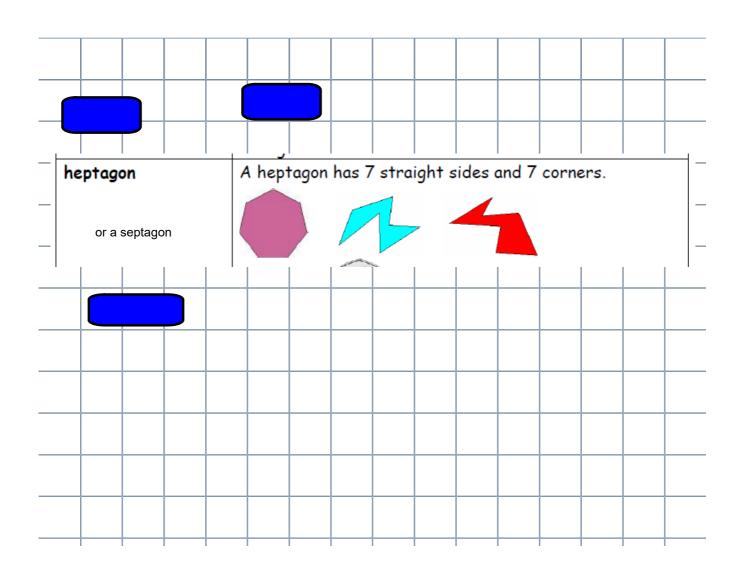


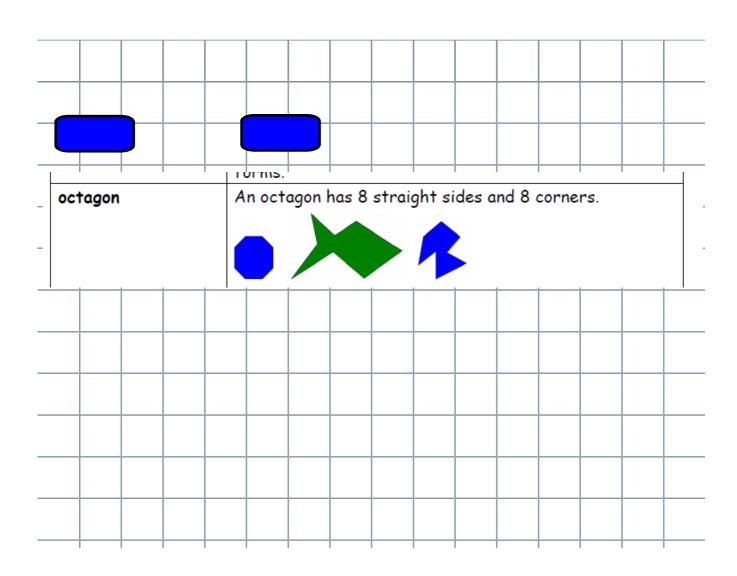
- - -	oblong				A quadrilateral with four right angles and two pairs of equal parallel sides with each pair different in length. (A rectangle in which one pair of edges is longer than the other - the other form of rectangle being a square).										

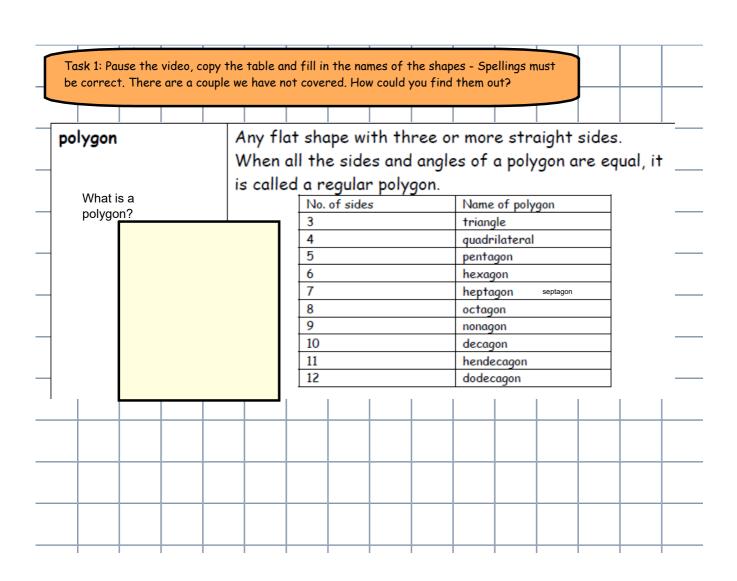


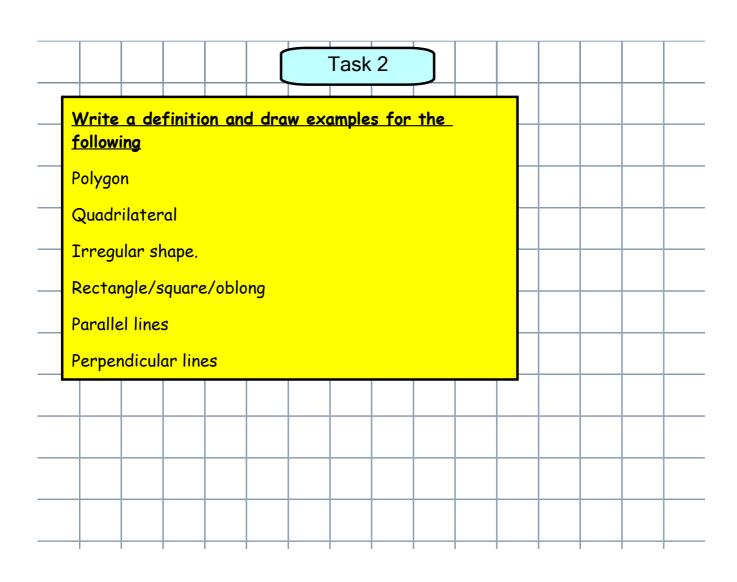


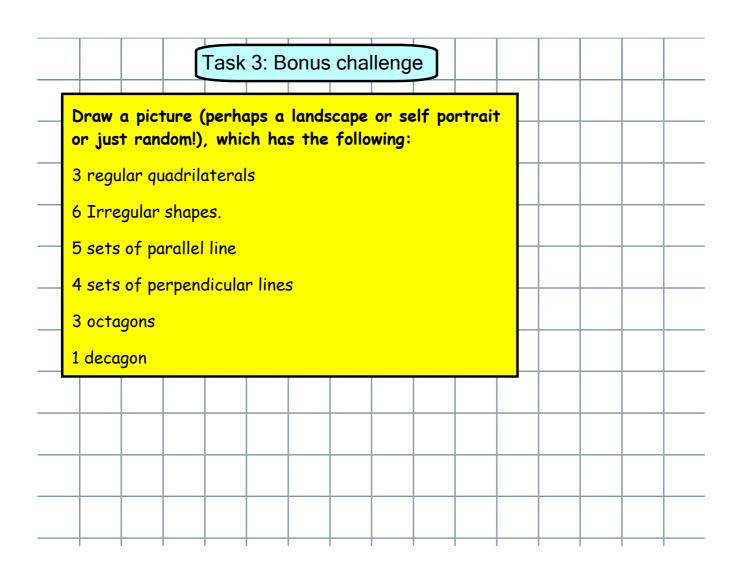












Tuesday: Division

Division 2do

Bonus division questions (see pdf)

Bonus challenge (see overview document)

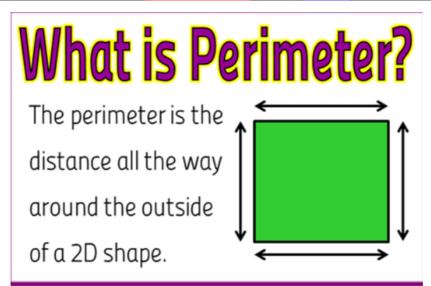
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LO: Measure the **perimeter** and **area** of 2D shapes.



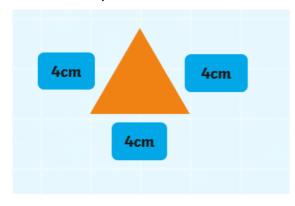
Wednesday

https://www.bbc.com/bitesize/articles/zsr4k7h

LO: I	Meas	ure	the	peri	met	er o	f sin	nple	2D	shap	oes.			
To	measu	ire ne	rimet	er T	meası	ire all	the	vav ar	round	the e	dae o	f a sk	nane.	
10	Tieusu	, c pe	111100	U1 , I	, ieust	i e un	UNIC I	vay ar	Juna	0,10 6	age o	, a 31	upe.	

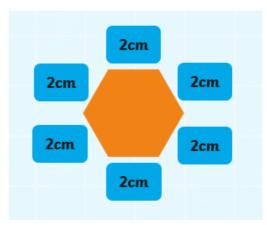
LO: Measure the **perimeter** of simple 2D shapes.

To measure perimeter, I measure all the way around the edge of a shape.





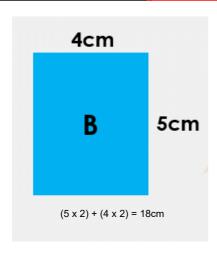


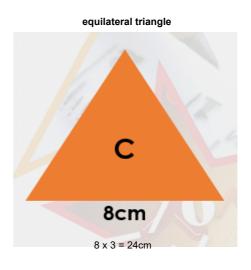


 $6 \times 2 = 12 \text{cm}$



LO: Measure the **perimeter** of simple 2D shapes.





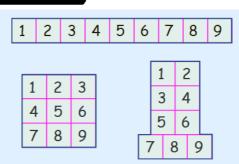




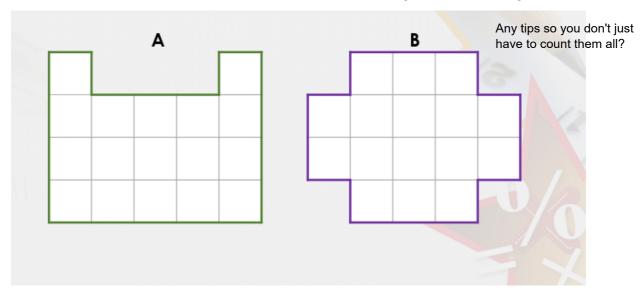
Area is the number of square units inside a shape.

area

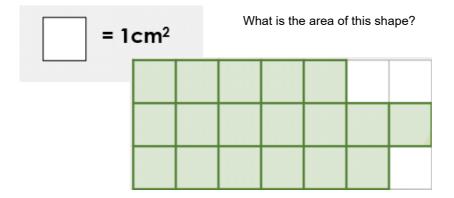
These shapes all have an area of 9 square units.



What is the area of these shapes in sq units?



LO: Find the area of rectilinear shapes by counting squares Each square is 1cm²

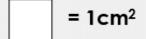


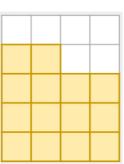
15cm² 18cm² 21cm²

LO: Find the area of rectilinear shapes by counting squares

Each square is 1cm²

What is the area of this shape?

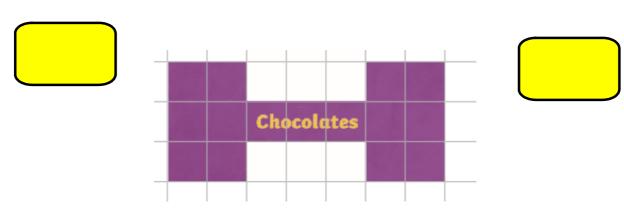




LO: Find the area of rectilinear shapes by counting squares

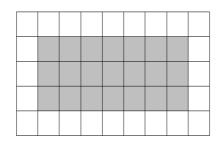
Area =
$$15 \text{cm}^2$$

Perimeter = 24cm



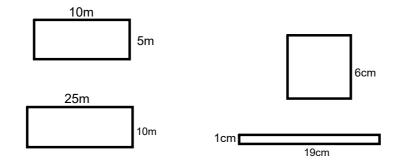
2. How many different chocolate boxes can you draw with an area of 9 cm²? Draw them neatly in your book and record the area and perimeter for each one. Does the perimeter stay the same?

Here is a rectangle on a **centimetre** (cm) grid.



 Did you count the squares? Is there a better way?

Area for a rectangle = L x W



What the formula for area? LxW

Who can think of a formula for perimeter?

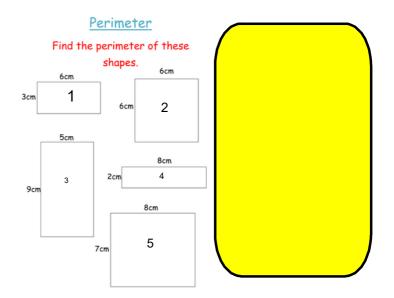
$$L + L + W + W$$
 $(L \times 2) + (W \times 2)$ $(L + W) \times 2$

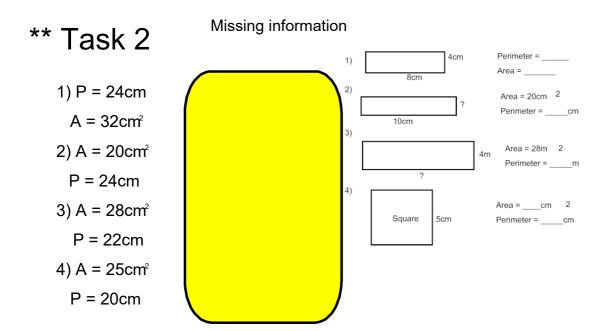
Which one do you use?

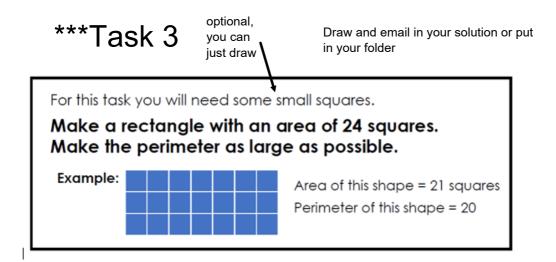


* Task 1

- 1) $A = 18cm^2$
 - P = 18cm
- 2) $A = 36 \text{cm}^2$
 - P = 24cm
- 3) $A = 45 \text{cm}^2$
 - P = 28cm
- 4) $A = 16cm^2$
 - P = 20cm
- 5) A= 56cm²
 - P = 30cm

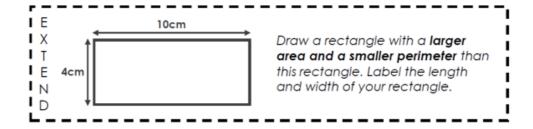






***Task 4

Draw and email in your solution or put in your folders



Yr 5.6 WB 8.2.21 Maths slides 2d shapes, area and	perimeter.notebook	February 05, 2021
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L.O: To find the area of composite shapes

Thursday

Times table starter: Choose one a time. (find pfd)

Number of Questions: 99						
Testing: 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x, 11x, 12x	(with inverse)					

 27 + 9 =
 11 × 11 =
 84 + 7 =
 42 + 7 =
 28 + 4 =

 96 + 8 =
 50 + 10 =
 48 + 12 =
 28 + 7 =
 72 + 12 =

 5 × 2 =
 2 × 4 =
 88 + 8 =
 3 × 5 =
 10 × 4 =

 132 + 11 =
 56 + 8 =
 4 × 7 =
 5 × 9 =
 4 × 3 =

 2 × 6 =
 8 × 5 =
 144 + 12 =
 18 + 6 =
 2 × 8 =

 12 × 8 =
 12 × 1 =
 110 + 11 =
 12 × 5 =
 30 + 6 =

 10 × 7 =
 3 × 10 =
 10 × 3 =
 72 + 6 =
 5 × 4 =

 54 + 6 =
 11 × 4 =
 10 × 1 =
 7 × 5 =
 5 × 11 =

 4 × 5 =
 90 + 9 =
 9 × 3 =
 121 + 11 =
 1 × 4 =

 12 × 4 =
 7 × 4 =
 12 × 11 =
 3 × 2 =
 9 × 12 =

 45 + 5 =
 80 + 8 =
 90 + 9 =
 3 × 12 =
 7 × 10 =

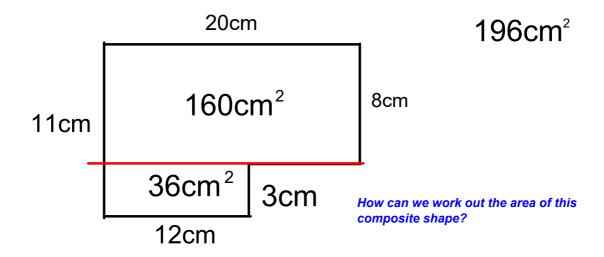
 42 + 6 =
 6 × 8 =
 7 × 3 =
 27 + 3 =
 12 × 4 =

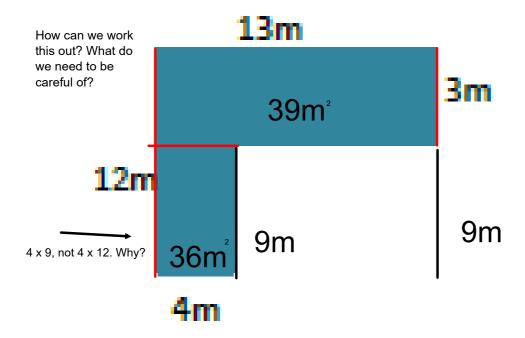
 7 × 11 =
 10 × 10 =
 12 × 3 =
 10 × 9 =
 9 × 4 =

 60 + 10 =
 12 + 3 =
 55 + 11 =
 11 × 7 =</t

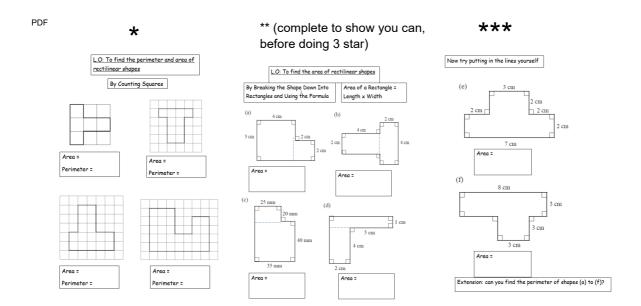
Number of Questions: 99 Testing: $3\times$, $4\times$, $5\times$, $6\times$, $7\times$, $8\times$, $9\times$, $10\times$, $11\times$, $12\times$, $13\times$, $14\times$, $15\times$, $16\times$, $17\times$, $18\times$, $19\times$, $20\times$ (with inverse)

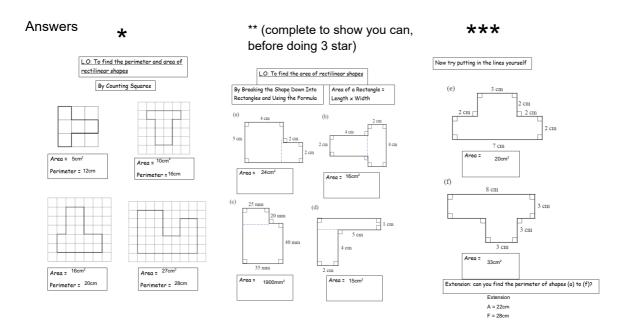
5 × 5 =	/ × 18 =	54 + 6 =	14 × 8 =	4 × 12 =
60 + 5 =	13 × 9 =	10 × 19 =	72 + 12 =	126 + 14 =
10 × 16 =	10 × 9 =	1 × 14 =	8 × 1 =	9 × 19 =
15 × 9 =	84 ÷ 7 =	19 + 19 =	108 + 12 =	12 × 4 =
20 × 5 =	120 + 10 =	70 + 10 =	9 × 3 =	143 + 13 =
6 × 8 =	14 × 6 =	14 × 10 =	13 × 6 =	10 × 8 =
10 × 11 =	132 + 11 =	18 × 2 =	1 × 18 =	110 + 10 =
17 × 12 =	6 × 1 =	40 + 4 =	20 × 3 =	117 + 13 =
5 × 7 =	8 × 18 =	12 + 12 =	9 × 12 =	19 × 7 =
66 ÷ 11 =	44 ÷ 4 =	13 + 13 =	15 × 1 =	20 + 10 =
6 × 14 =	5 × 3 =	77 + 7 =	8 × 10 =	144 + 16 =
152 + 19 =	3 × 15 =	36 + 12 =	9 × 8 =	48 ÷ 16 =
1 × 20 =	11 × 4 =	3 × 4 =	12 × 8 =	4 × 14 =
11 × 5 =	6 × 12 =	12 × 7 =	10 × 6 =	4 × 4 =
3 × 13 =	5 × 4 =	7 × 13 =	4 × 8 =	6 × 7 =
65 + 13 =	14 × 7 =	5 × 2 =	4 + 4 =	126 + 18 =
12 × 5 =	5 × 1 =	33 + 3 =	14 × 3 =	48 + 6 =
50 + 10 =	12 × 18 =	19 × 1 =	9 × 10 =	119 + 17 =
7 × 12 =	50 ÷ 5 =	7 × 8 =	5 × 14 =	154 + 14 =





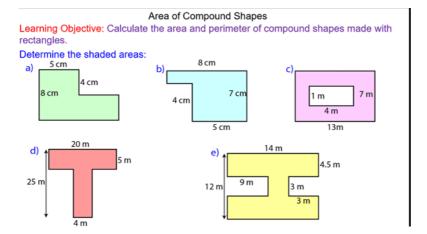
Now do some yourself... Rectlinear shapes 3 levels.do





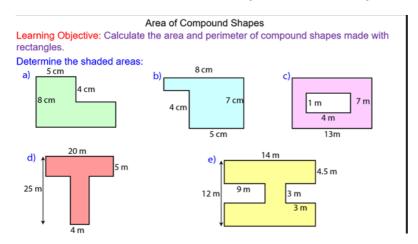
PDF

Bonus extension



One is impossible! Can you work out which one?

Bonus extension (answers)



A = ?

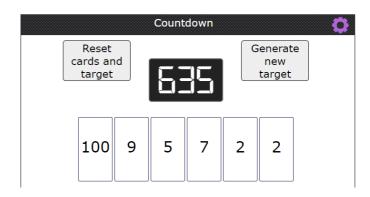
 $B = 44 \text{cm}^2$

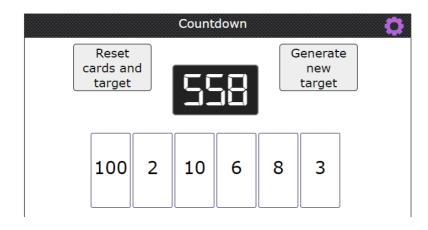
 $C = 87m^2$

 $D = 180m^2$

 $E = 132m^2$

Friday





https://nrich.maths.org/10368/note

- 1) Decide on the categories you are sticking by
- 2) Draw
- 2) Label

Bonus: Is it possible to draw a shape which fits all the categories?

The shape has two pairs of parallel sides.	The area of the shape is 24cm².
The shape has four right angles.	The shape's perimeter is numerically larger than its area.
The length of each side is an even number.	The shape is irregular.
The shape is a quadrilateral.	The shape has two lines of symmetry.