Year 5 Maths Home Learning Summer 2 Week 5

W/C: 06.07.2020

Log in to purple mash where you have 2 maths tasks to complete (Angles and Estimate angles) and also an activity (Fractonio's Pizzeria) to have a go at.

Log in to Rockstars and test yourself on the 11 times tables. Below is also a paper version.

Use the inverse to answer these:

88 ÷ 11 = _____	55 ÷ 11 = _____	44 ÷ 11 = _____
110 ÷ 11 = _____	121 ÷ 11 = _____	22 ÷ 11 = _____
33 ÷ 11 = _____	77 ÷ 11 = _____	132 ÷ 11 = _____
66 ÷ 11 = _____	11 ÷ 11 = _____	99 ÷ 11 = _____
55 ÷ 11 = _____	33 ÷ 11 = _____	121 ÷ 11 = _____
110 ÷ 11 = _____	88 ÷ 11 = _____	44 ÷ 11 = _____
22 ÷ 11 = _____	99 ÷ 11 = _____	55 ÷ 11 = _____
33 ÷ 11 = _____	77 ÷ 11 = _____	11 ÷ 11 = _____
121 ÷ 11 = _____	132 ÷ 11 = _____	66 ÷ 11 = _____
88 ÷ 11 = _____	11 ÷ 11 = _____	99 ÷ 11 = _____

Monday 6th July 2020

Angles on a straight line

Use the video on your class stream to help you solve the following.

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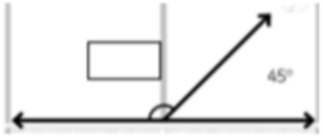
Red:

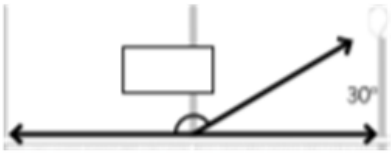
1)

2)

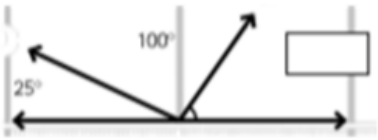


3)

4)

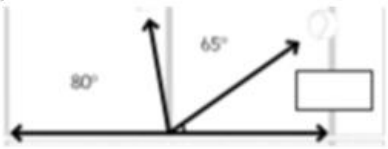


5)

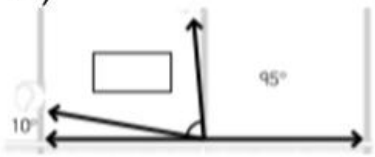


Orange:

1)



2)



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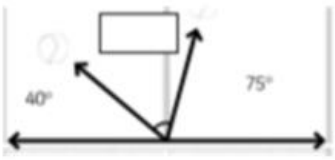

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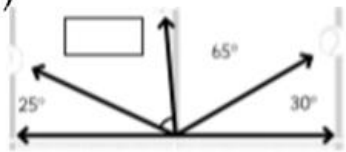
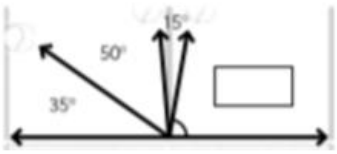


5)



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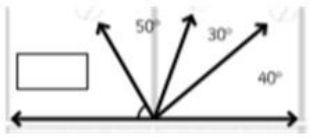
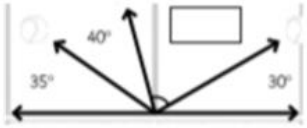
Green:

1)



2)



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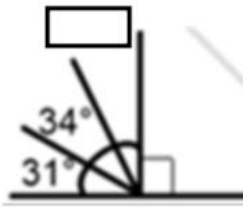

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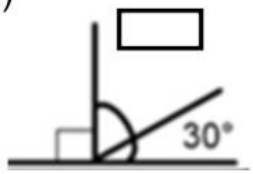


5) Jen says, ''If I turn from 2 o'clock to 8 o'clock, this is a half turn - 180^0.''

Is Jen correct? Prove it.

What other turns can you identify on a clock face that would be the same value of 180^0?

Challenge:

Floria is describing angles on a straight line for her friend to draw.
She says one of the angles is 32°, another is a right angle and the final angle is 68°.
Is Floria correct? Prove it!

Tuesday 7th July 2020

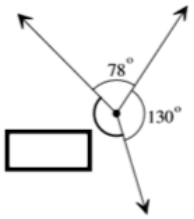
Angles around a point

Year 5 Maths Home Learning Summer 2 Week 5

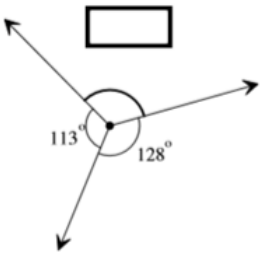
Watch the video on your class stream and use the resource to help you solve the following.

Red: Calculate the missing angles

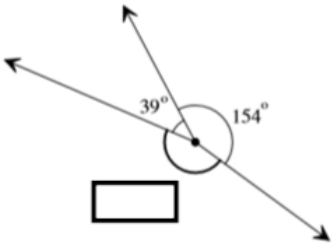
1)



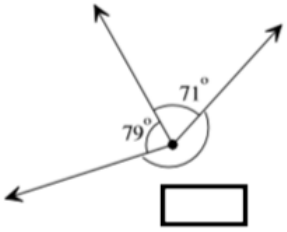
2)



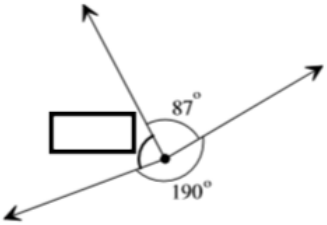
3)



4)



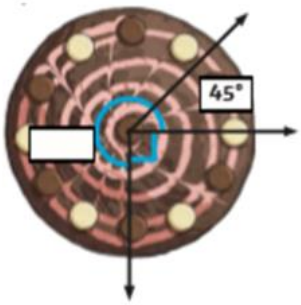
5)



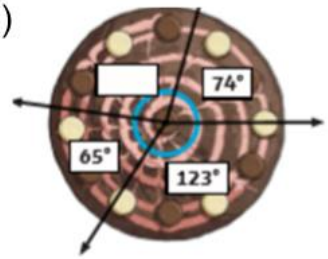
Orange: Calculate the missing angles

1)

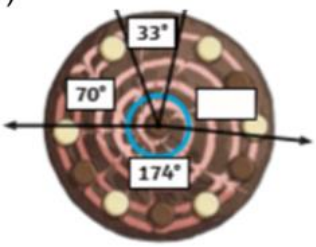
2)



3)



4)



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5) Complete this table

True or false?

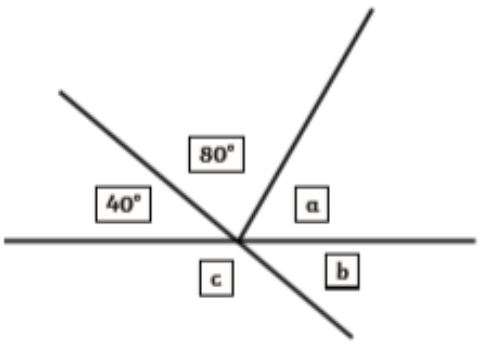
		T	F
a	Four right angles make a full turn.		
b	A third of a full turn is a reflex angle.		
c	When the hands of a clock show 5 o'clock, the angles shown are 160° and 200°.		
d	You can make one whole turn with three acute angles.		

Green: Complete the table

Turn	Degrees	Type of angle	Fraction of a turn
North-East to South-East Clockwise	90°	Right angle	$\frac{1}{4}$ of a turn
North-West to North-West Clockwise			
South-West to South-East Anti-clockwise			
South-West to _____ Clockwise	180°		
North-East to East Clockwise			$\frac{1}{8}$ of a turn

Challenge:

Calculate the missing angles on this picture.



a	
b	
c	

How can you check your answers are correct?

Year 5 Maths Home Learning Summer 2 Week 5

Wednesday 8th July 2020

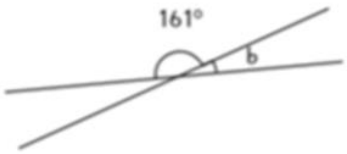
Missing angles

Watch the video on your class stream to help you solve the following.

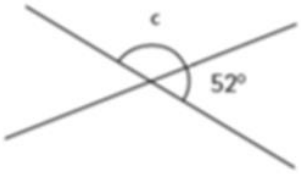
Red:

1) a =

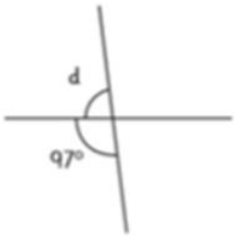
2) b =



3) c =



4) d =



5) e =

Orange:

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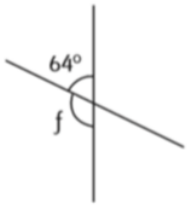
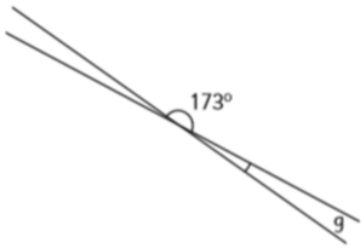
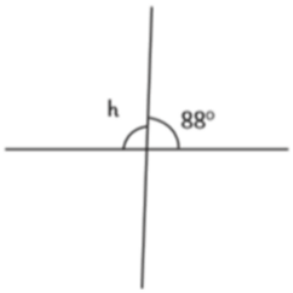
1) f =



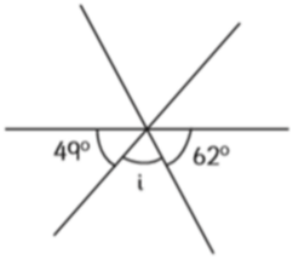
2) g =



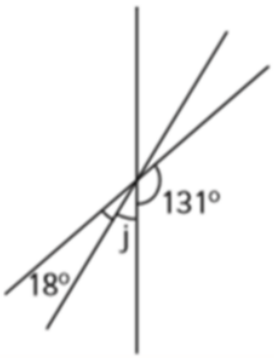
3) h =



4) i =

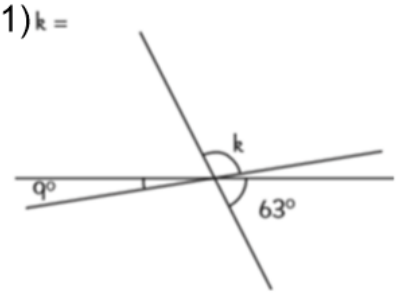


5) j =

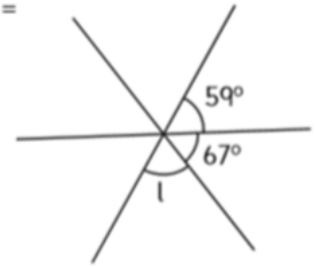


Green:

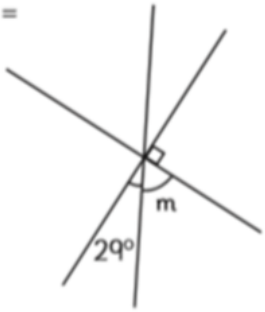
1) k =



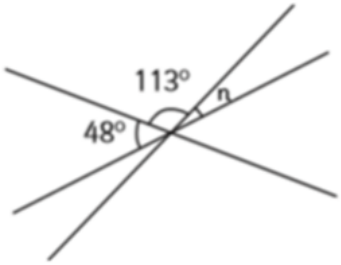
2) l =



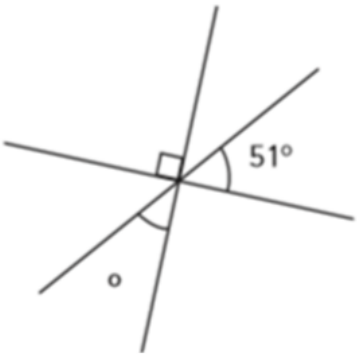
3) m =



4) n =



5) o =



Year 5 Maths Home Learning Summer 2 Week 5

Challenge:

V =

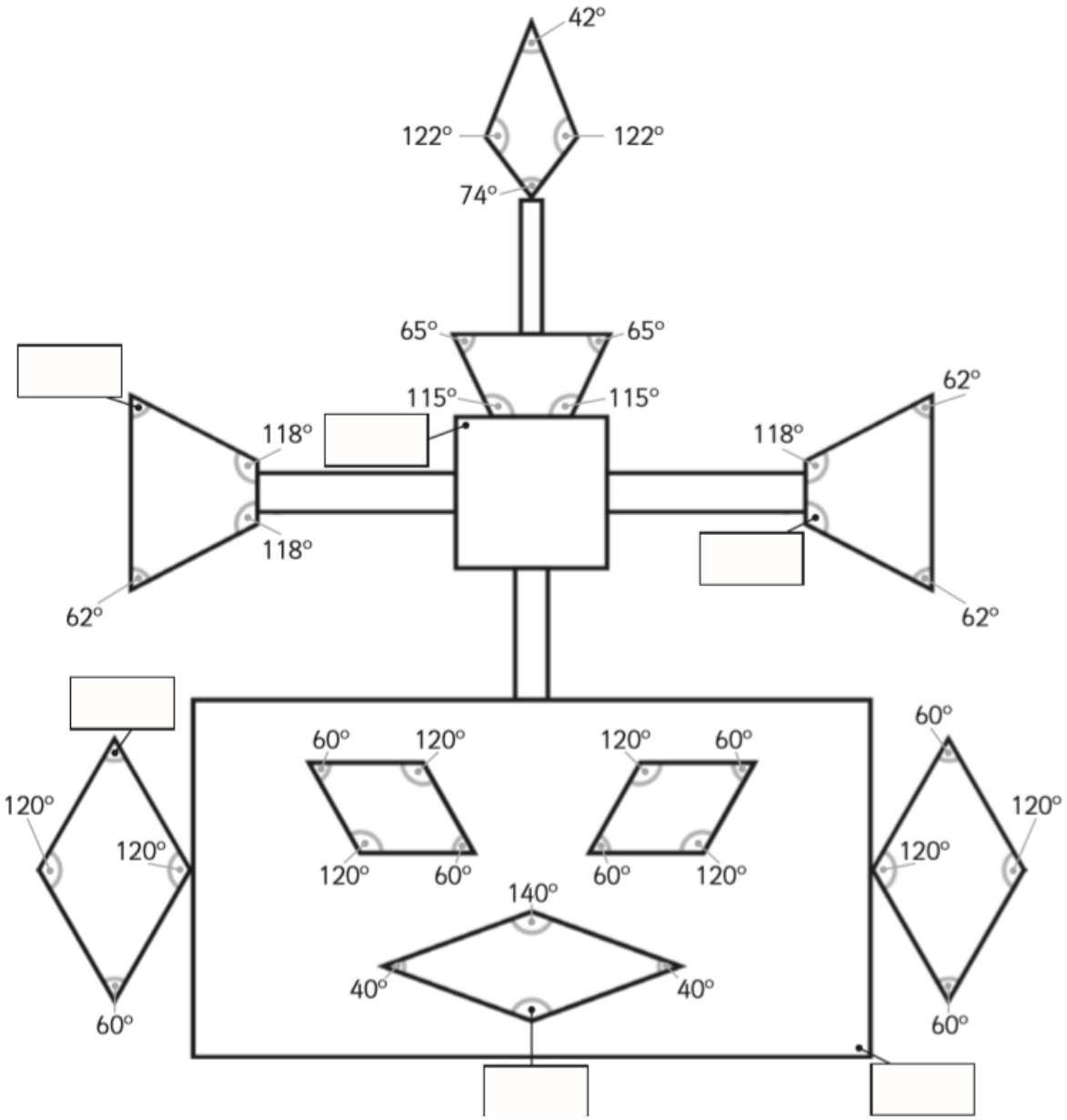
Thursday 9th July 2020

Missing angles in quadrilaterals

Watch the video on your class stream and use the resource to help you solve the following.

Year 5 Maths Home Learning Summer 2 Week 5

Red:



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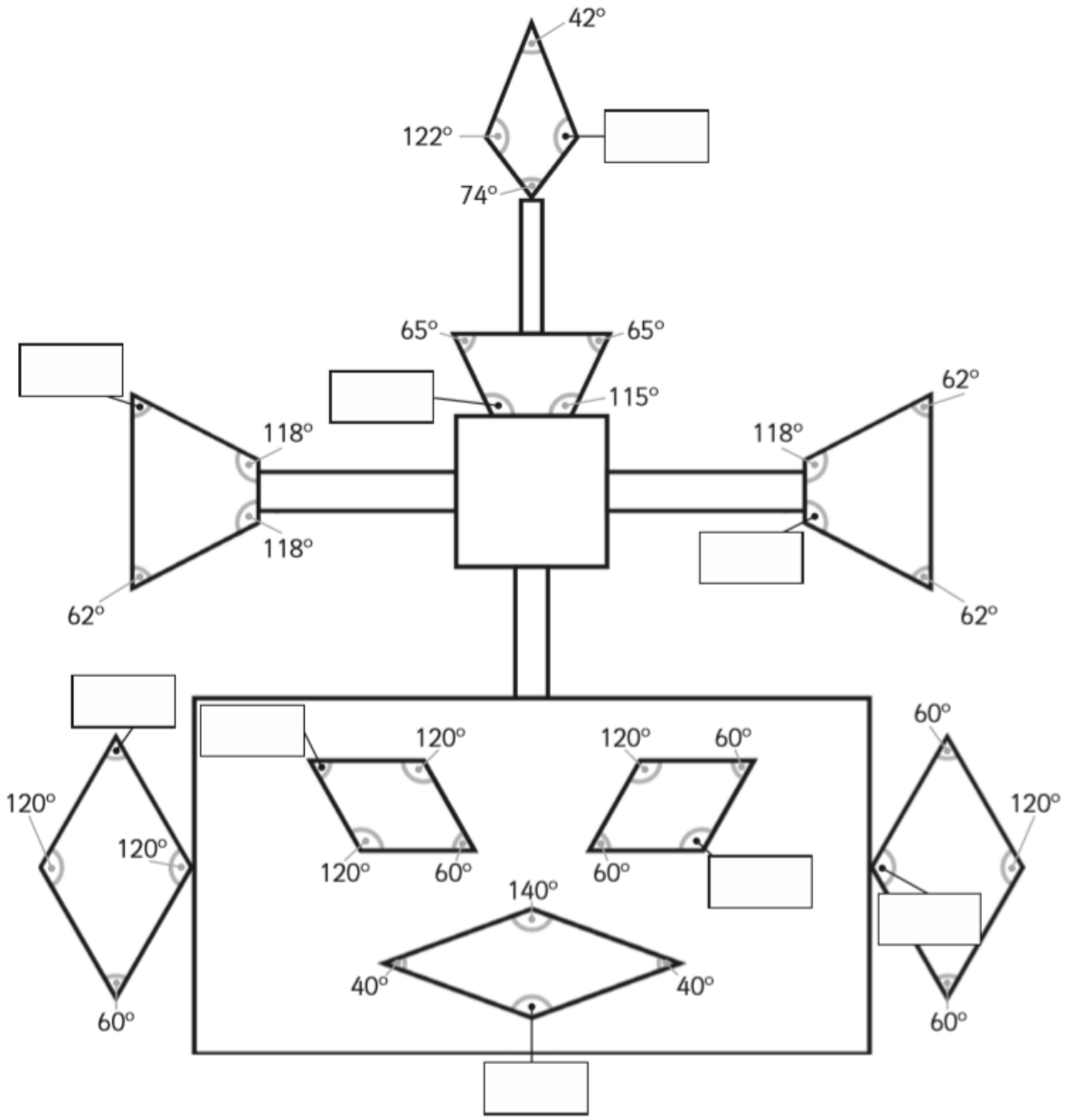
Orange:



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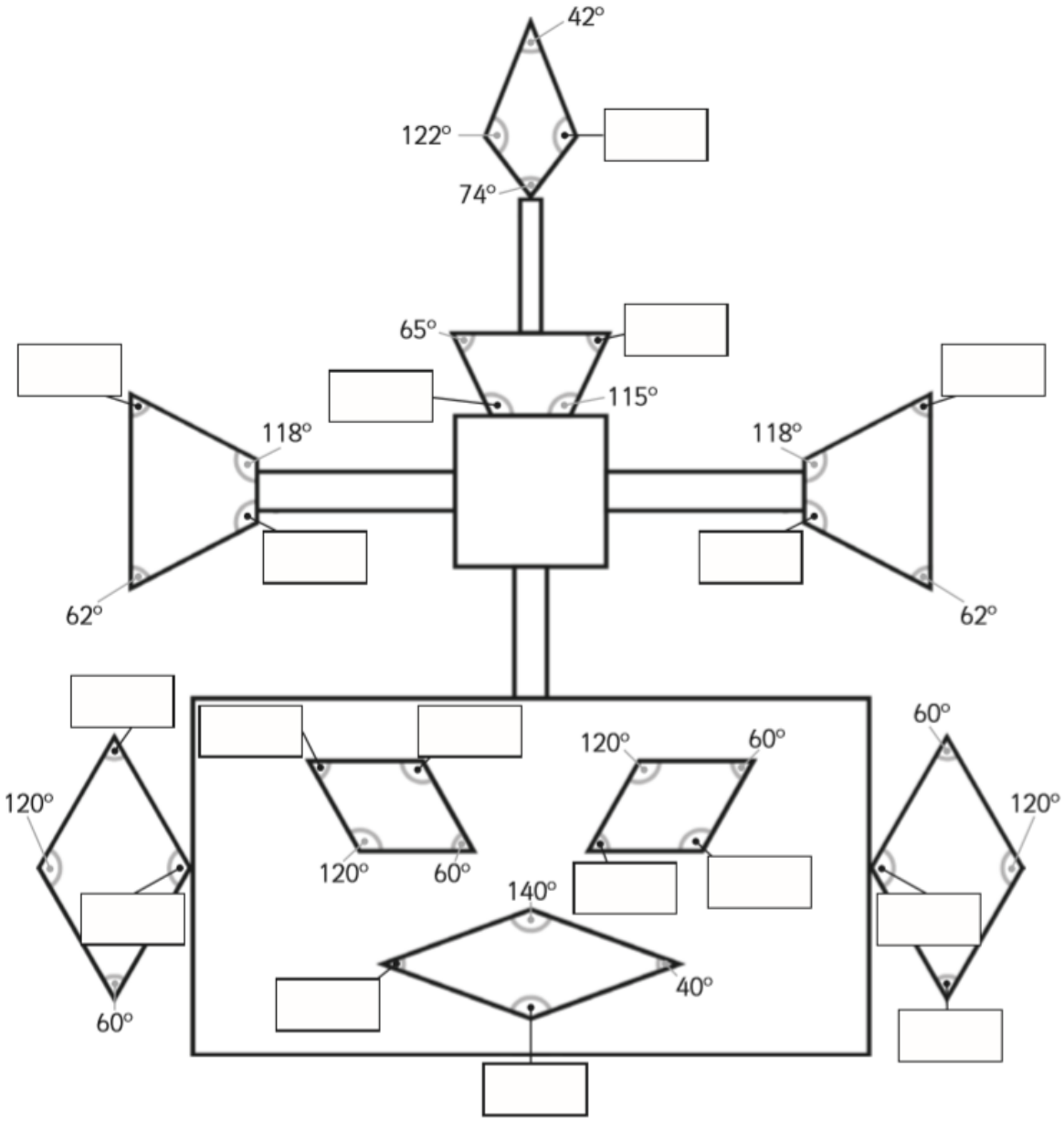
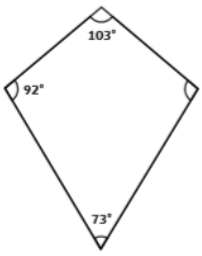
Green:



Challenge:

Samira and Billy are talking about the missing angle of this 2D shape.



Who do you agree with and why?

_____

_____

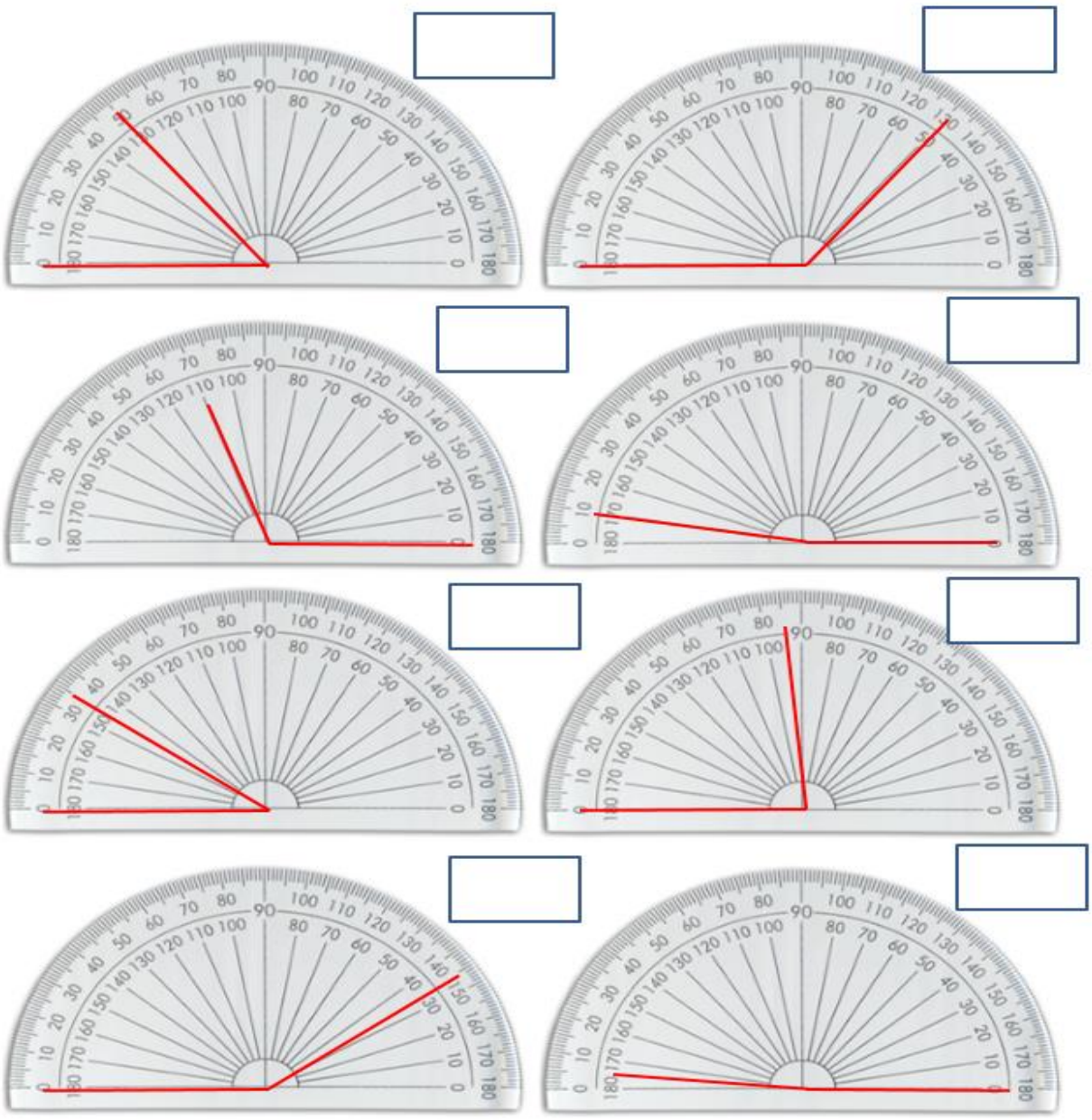
Year 5 Maths Home Learning Summer 2 Week 5

Friday 10th July 2020

Reading a protractor

Watch the video on your class stream and the resource to help you solve the following.

Red



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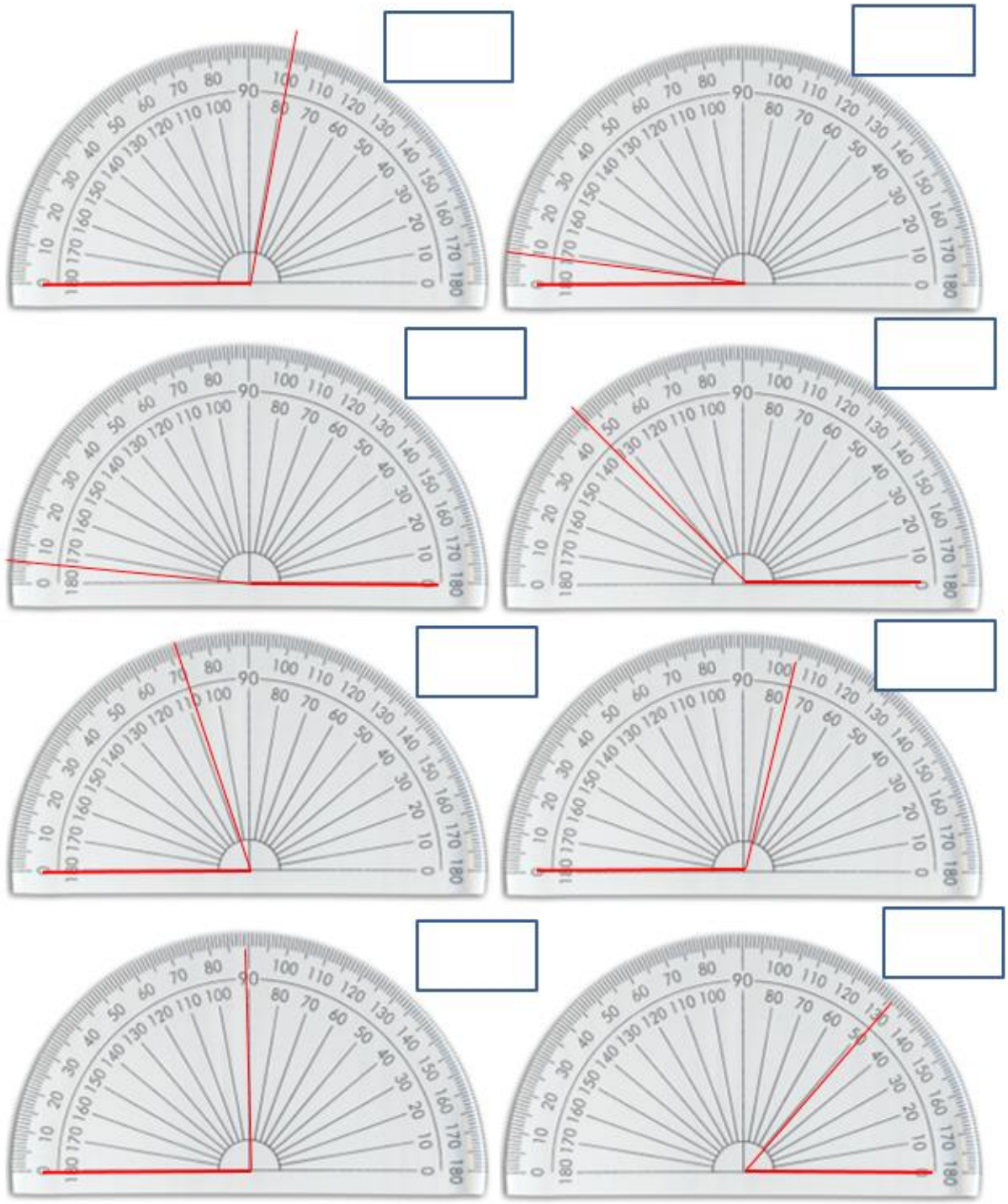
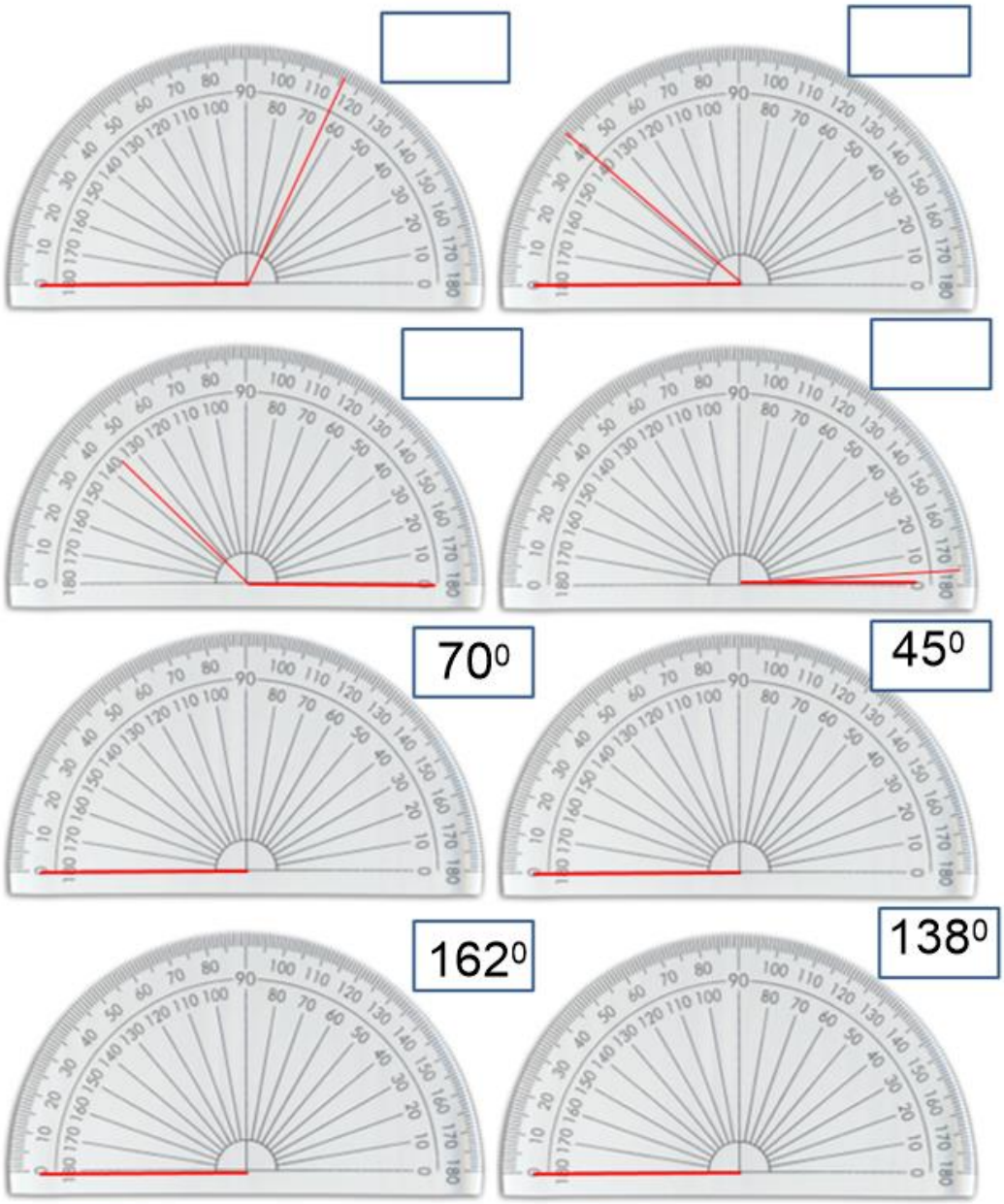
Orange:

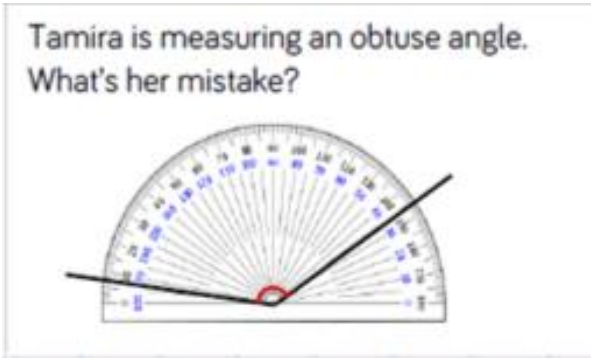


Year 5 Maths Home Learning Summer 2 Week 5

Green:



Challenge:



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