Home Learning Wednesday 3rd June 2020 Maths

Worksheet

Answer the questions on this worksheet in the boxes next to the challenge questions.

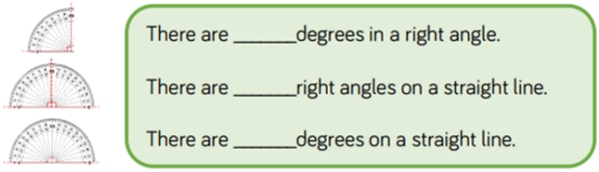
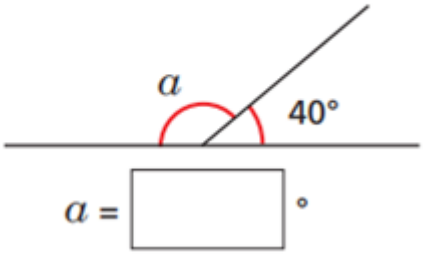
Remember:

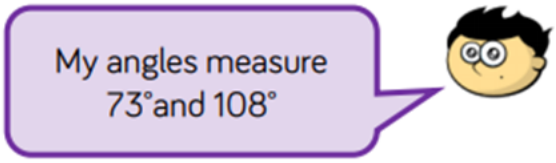
The tasks are arranged in 3 challenges that get progressively more difficult.

- Challenge 1 is a “mild” challenge, if you are not confident
- Challenge 2 is “spicy”, a little bit more challenging, if you are feeling confident and find the first challenge too easy.
- Challenge 3 is “hot”. The questions are designed to challenge you and can be tricky.

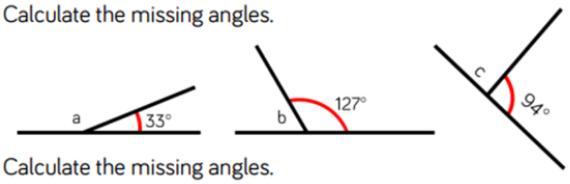
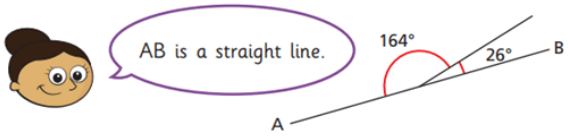
You can choose to do just one challenge or more than one, it is up to you. As a guide, if you are consistently getting everything correct, you should move up a challenge. If you are struggling on every question; move down a challenge.

Challenge 1:

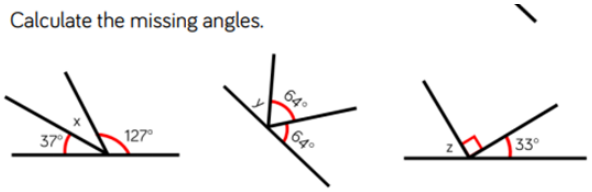
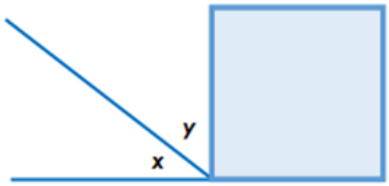
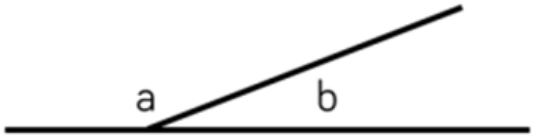
Question	Answer
1. 	
2. Work out the size of the missing angle ***a*** **a)** 	

3. Jack is measuring two angles on a straight line.  Explain why at least one of Jack's angles must be wrong.	

Challenge 2:

Question	Answer
1. Calculate the missing angles.  Calculate the missing angles.	
2. Dora draws two angles.  Do you agree with Dora? _____ Explain your answer.	
3. **Convince Me!** **Both the angles on a straight line cannot be greater than 90°.**	

Challenge 3:

Question	Answer
1. Calculate the missing angles.  Is there more than one way to calculate the missing angles?	
2.  **Both angles (x and y) are odd.** **Angle x is smaller than angle y.** **Neither angle is smaller than 39°.** **What could the sizes of angles x and y be?**	
3. Here are two angles.  Angle b is a prime number between 40 and 50 Use the clue to calculate what the missing angles could be.	