

Worksheet

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

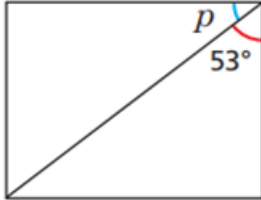
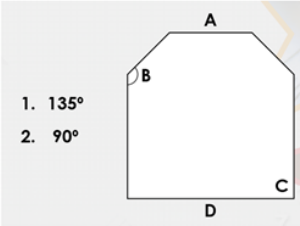
Remember:

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

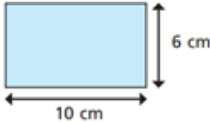

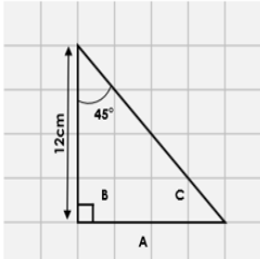
- Challenge 1 is a “mild” challenge, if you are not confident
- Challenge 2 is “spicy”, a little bit more challenging, if you are feeling confident and find the first challenge too easy.
- Challenge 3 is “hot”. The questions are designed to challenge you and can be tricky.

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.

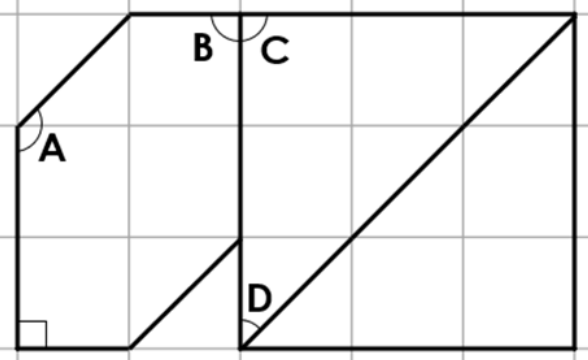

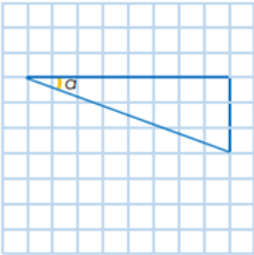
Challenge 1:

Question	Answer
<p>1.</p> <p>Here is a rectangle.</p>  <p>What is the size of the angle marked p?</p>	
<p>2.</p> <p>Using the given options:</p> <p>What is the size of angle B? Why?</p>  <p>1. 135° 2. 90°</p>	

Challenge 2:

Question	Answer
<p>1.</p> <p>Tom has some identical paper rectangles.</p>  <p>He makes shapes with the rectangles.</p> <p>a) Work out the missing length and width of this shape.</p>  <p>b) Work out the perimeter of this shape.</p>	
<p>2.</p> <p>Calculate the length of the side A and the angles B and C in the shape below.</p>  <p>Side</p> <p>A = _____</p> <p>Angle</p> <p>B = _____</p> <p>C = _____</p>	

Challenge 3:

Question	Answer
<p>1. Calculate the size of the angles A, B C & D</p> 	
<p>2.</p> <p>Ranjit says...</p> <div data-bbox="224 844 787 991" style="border: 1px solid yellow; border-radius: 15px; padding: 10px; display: inline-block;"> <p>Angle a is 45°.</p>  </div>  <p>Do you agree with him? Explain your reasoning!</p>	