

Varied Fluency

Step 2: Right Angles in Shapes

National Curriculum Objectives:

Mathematics Year 3: (3G4a) [Recognise angles as a property of shape or a description of a turn](#)

Mathematics Year 3: (3G4b) [Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle](#)

Differentiation:

Developing Questions to support recognising that a right angle is a quarter turn and a property of a shapes. Using circles, triangles and regular quadrilaterals.

Expected Questions to support recognising that a right angle is a quarter turn and a property of a shapes. Using circles, regular polygons and irregular quadrilaterals, with some shapes orientated diagonally.

Greater Depth Questions to support recognising that a right angle is a quarter turn and a property of a shapes. Using circles, irregular polygons and irregular quadrilaterals, with most shapes orientated diagonally.

More [Year 3 Properties of Shapes](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

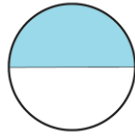
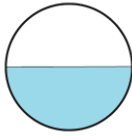
Right Angles in Shapes

1a. Tick the shape that has turned one right angle anti-clockwise.

Start:



Finish:

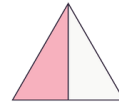


VF

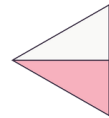
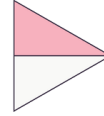
Right Angles in Shapes

1b. Tick the shape that has turned one right angle clockwise.

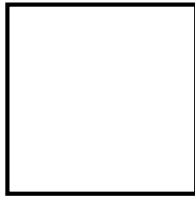
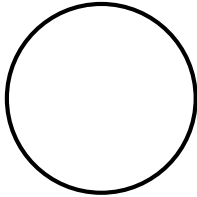
Start:



Finish:

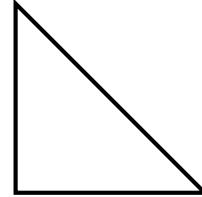


2a. Tick any shapes that contain right angles.



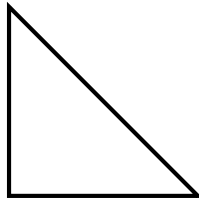
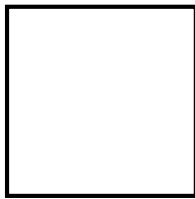
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2b. Tick any shapes that contain right angles.



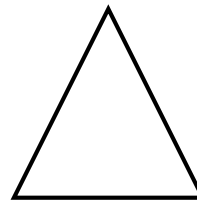
VF

3a. How many right angles are in each shape?



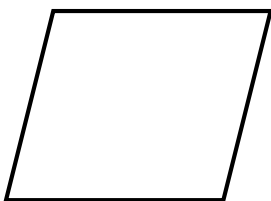
VF

3b. How many right angles are in each shape?



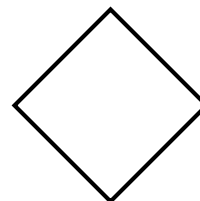
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4a. This shape has two right angles. True or false?



VF

4b. This shape has four right angles. True or false?



VF

Right Angles in Shapes

5a. Tick the shape that has turned two right angles clockwise.

Start:



Finish:

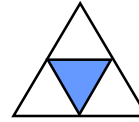


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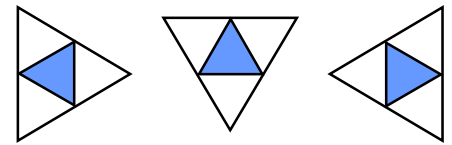
Right Angles in Shapes

5b. Tick the shape that has turned two right angles anti-clockwise.

Start:

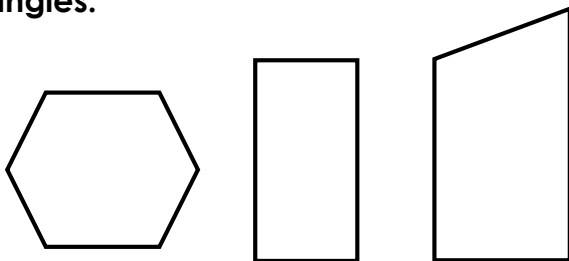


Finish:



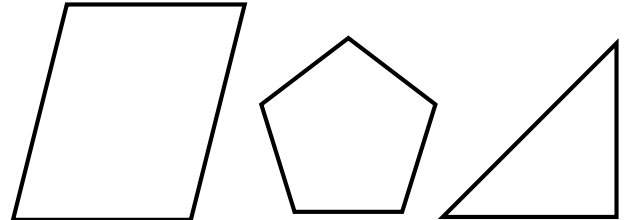
VF

6a. Tick any shapes that contain right angles.



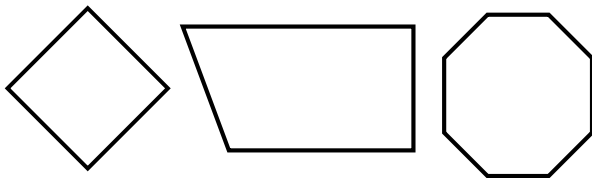
VF

6b. Tick any shapes that contain right angles.



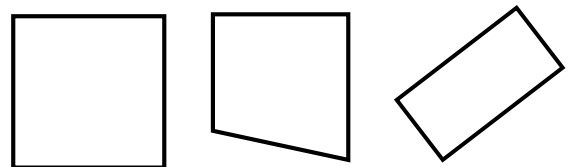
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7a. How many right angles are in each shape?



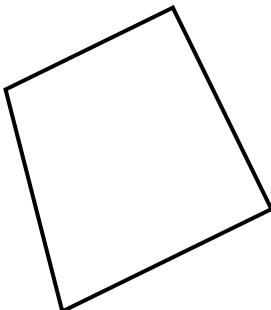
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7b. How many right angles are in each shape?



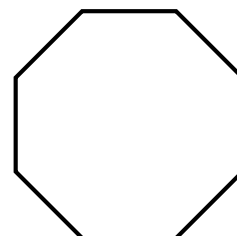
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8a. This shape has three right angles. True or false?



VF

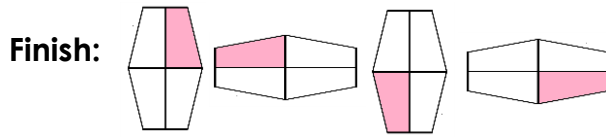
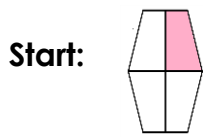
8b. This shape has no right angles. True or false?



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Right Angles in Shapes

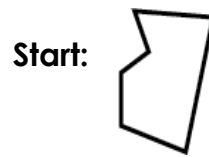
9a. Tick the shape that has turned three right angles anti-clockwise.



VF

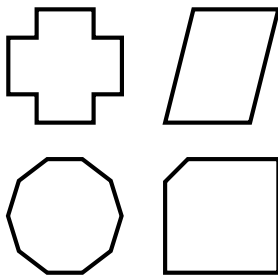
Right Angles in Shapes

9b. Tick the shape that has turned two right angles clockwise.



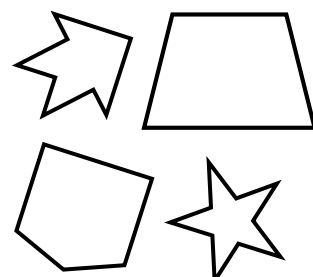
VF

10a. Tick any shapes that contain right angles.



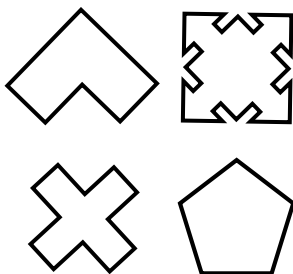
VF

10b. Tick any shapes that contain right angles.



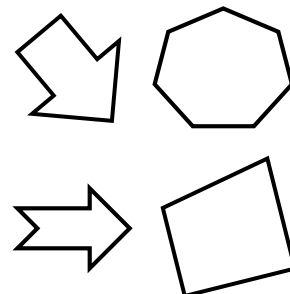
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11a. How many right angles are in each shape?



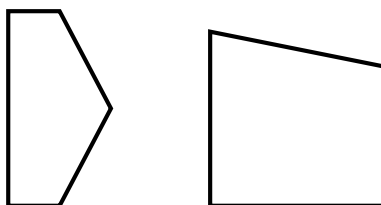
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11b. How many right angles are in each shape?



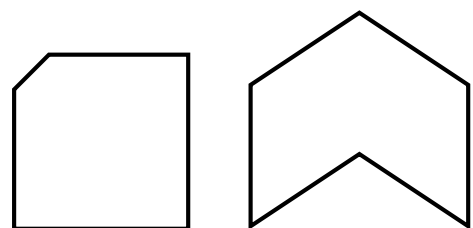
VF

12a. Both of these shapes have two right angles. True or false?



VF

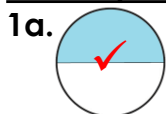
12b. Both of these shapes have three right angles. True or false?



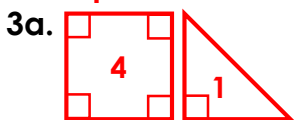
VF

Varied Fluency Right Angles in Shapes

Developing

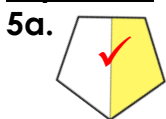


2a. **Square**

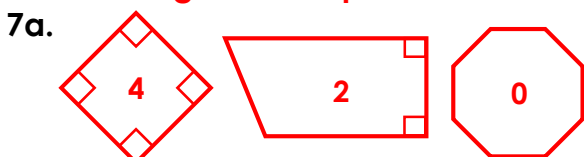


4a. **False; the shape has no right angles.**

Expected

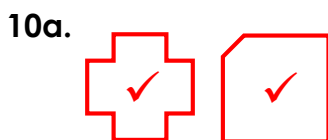
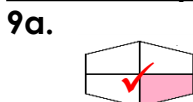


6a. **Rectangle and trapezium**



8a. **False; the shape has 2 right angles.**

Greater Depth



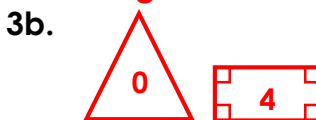
12a. **True**

Varied Fluency Right Angles in Shapes

Developing

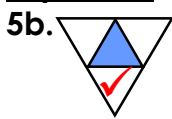


2b. **Triangle and rectangle**

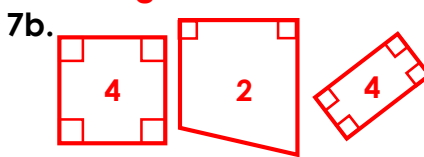


4b. **True**

Expected

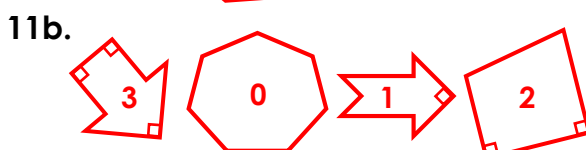


6b. **Triangle**



8b. **True**

Greater Depth



12b. **False; the first shape has 3 right angles, the second has 0.**