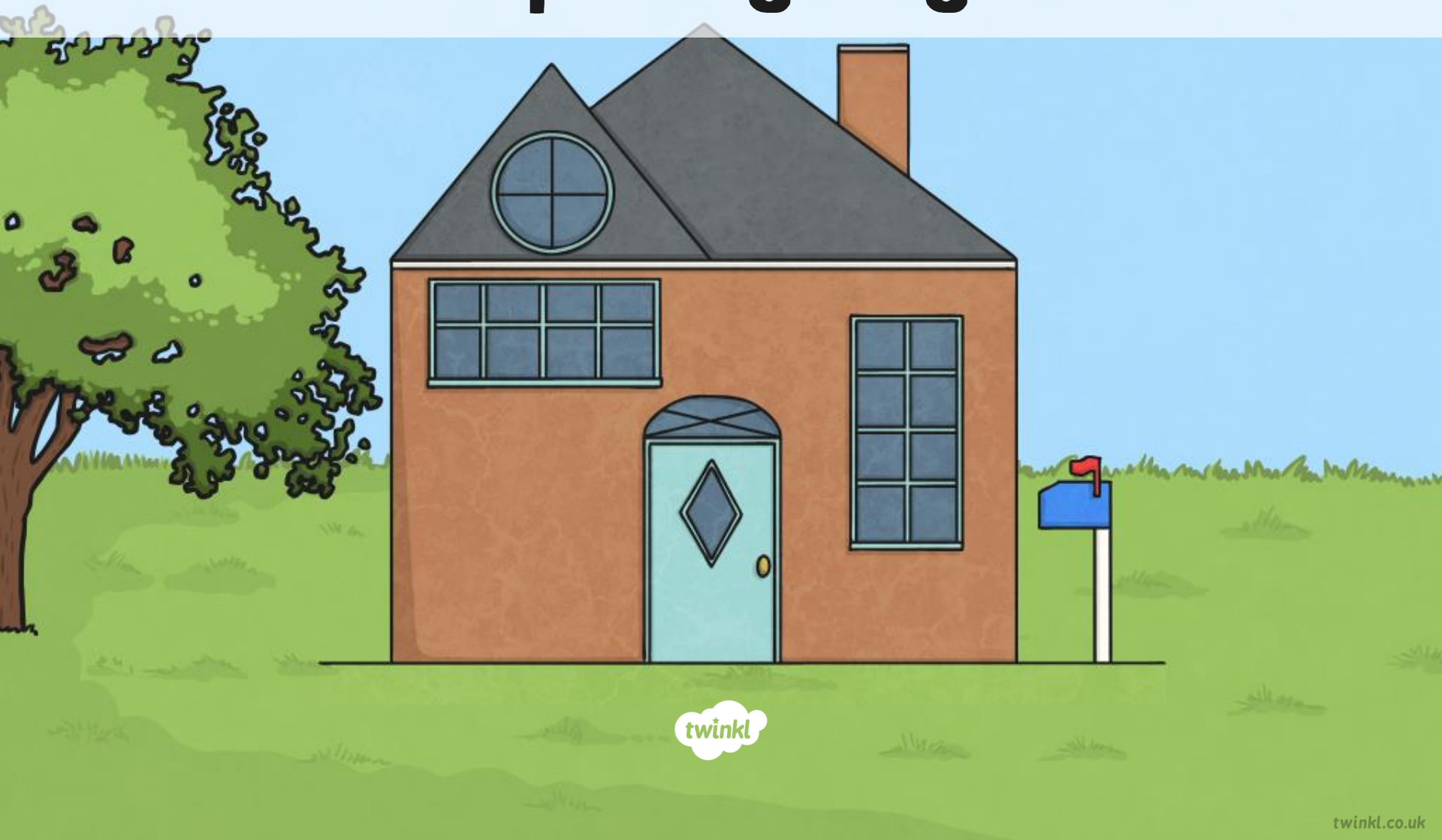
Maths

Properties of Shapes

Comparing Angles



Aim

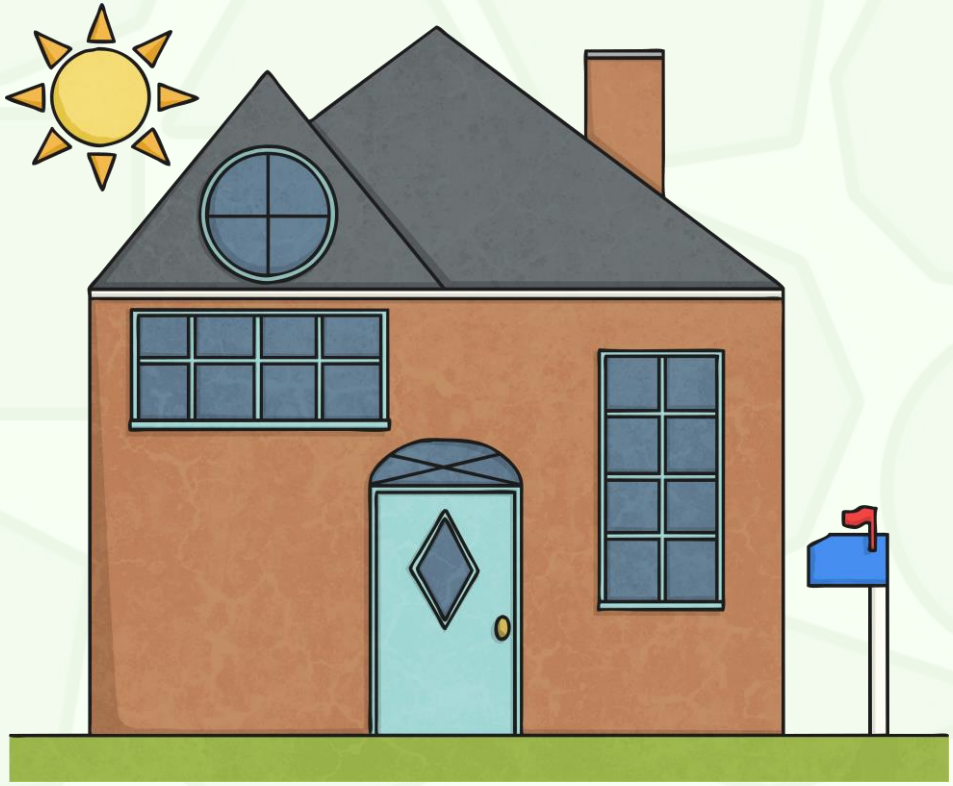
- I can identify whether angles in real life contexts are greater or less than a right angle.

Success Criteria

- I can say if an angle is greater or less than a right angle.
- I can describe an angle less than a right angle.
- I can describe an angle greater than a right angle.

How Many Right Angles?

How many right angles can you find in this picture?

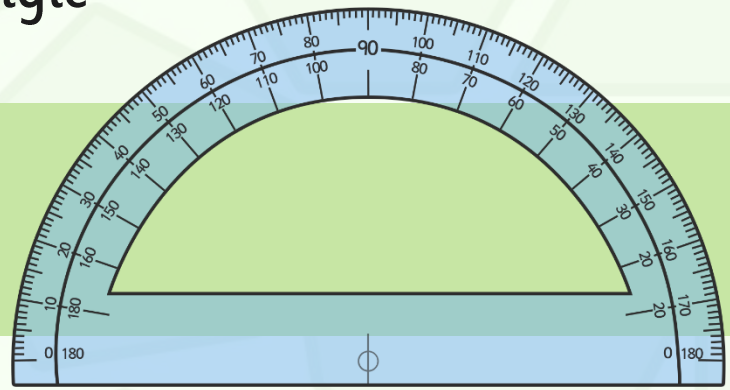


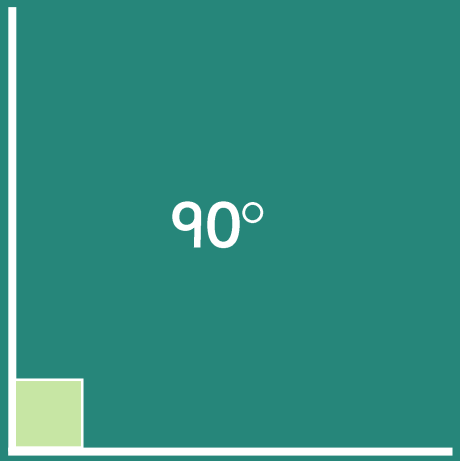
Different Angles

Right Angle

A right angle is 90°

These are some examples of right angles:



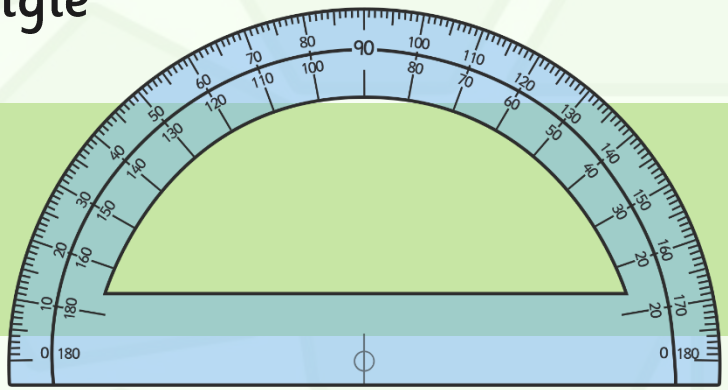


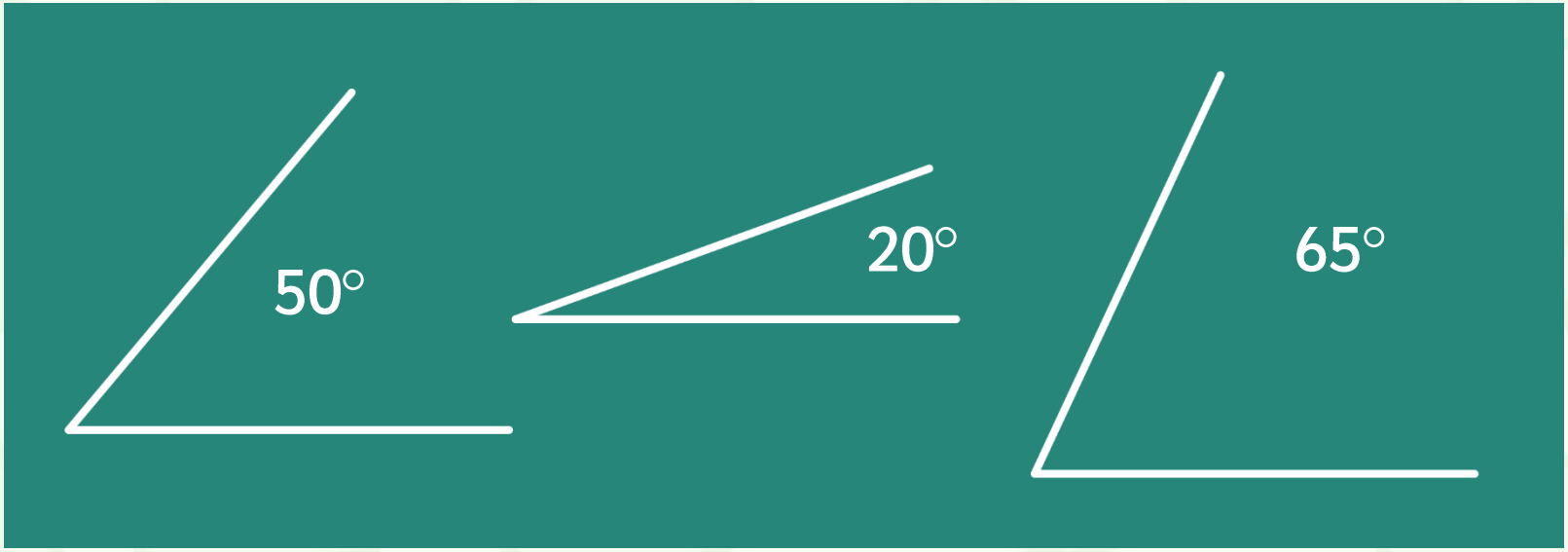
Different Angles

Acute Angle

An acute angle is less than 90°

These are some examples of acute angles:



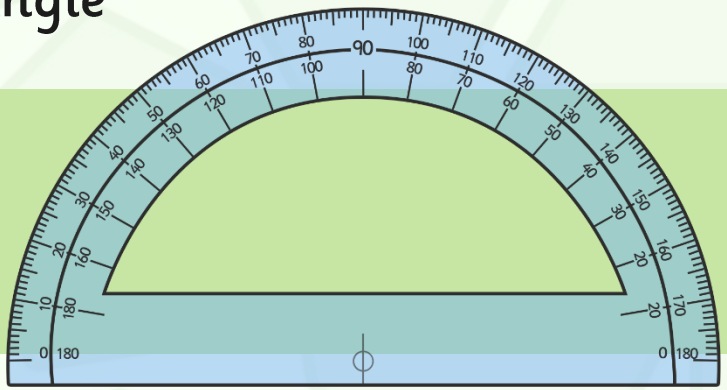


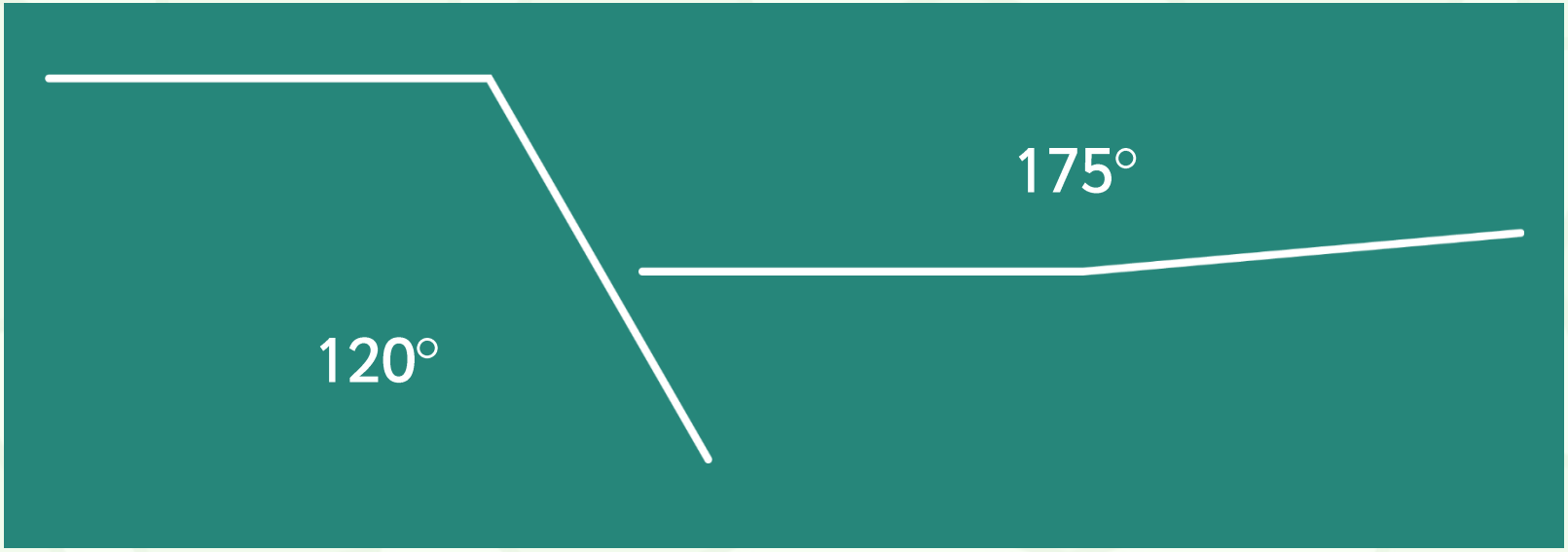
Different Angles

Obtuse Angle

An obtuse angle is greater than 90° and less than 180°.

These are some examples of obtuse angles:

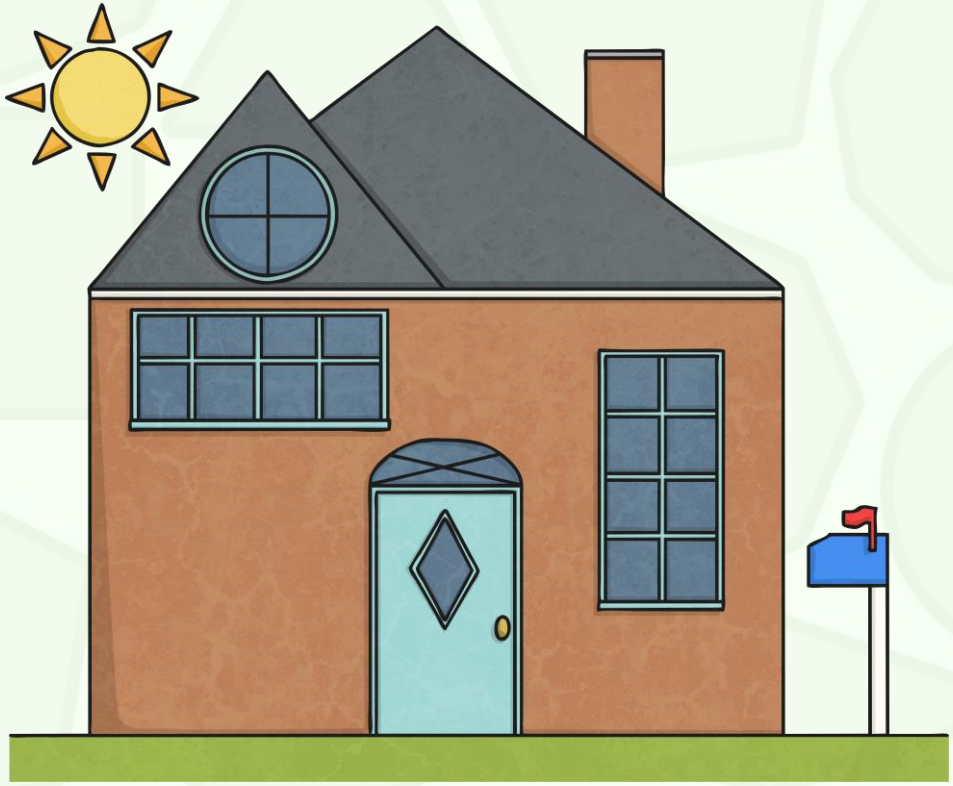




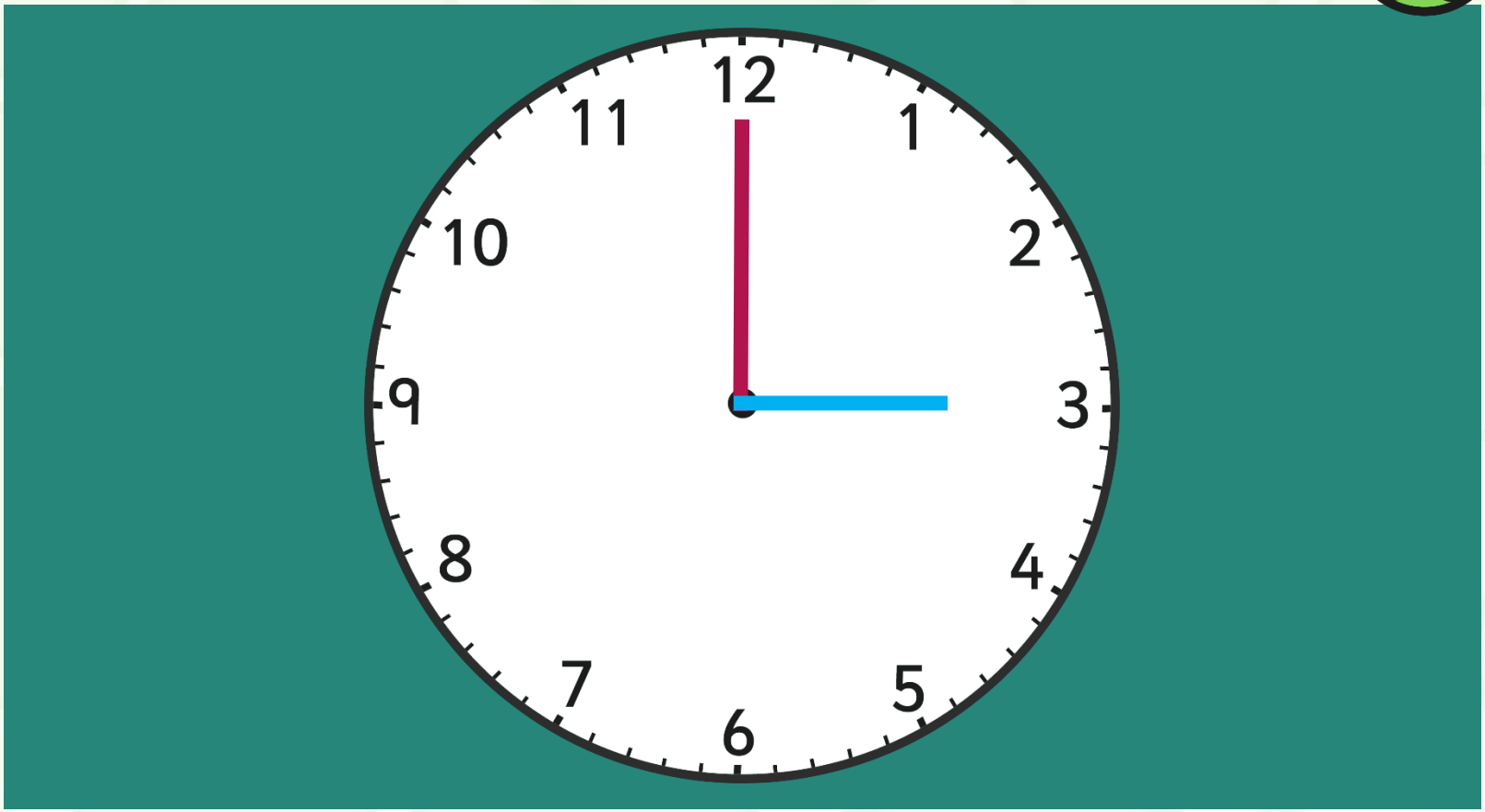
Comparing Angles

Can you find any acute angles in this picture?

Are there any obtuse angles?

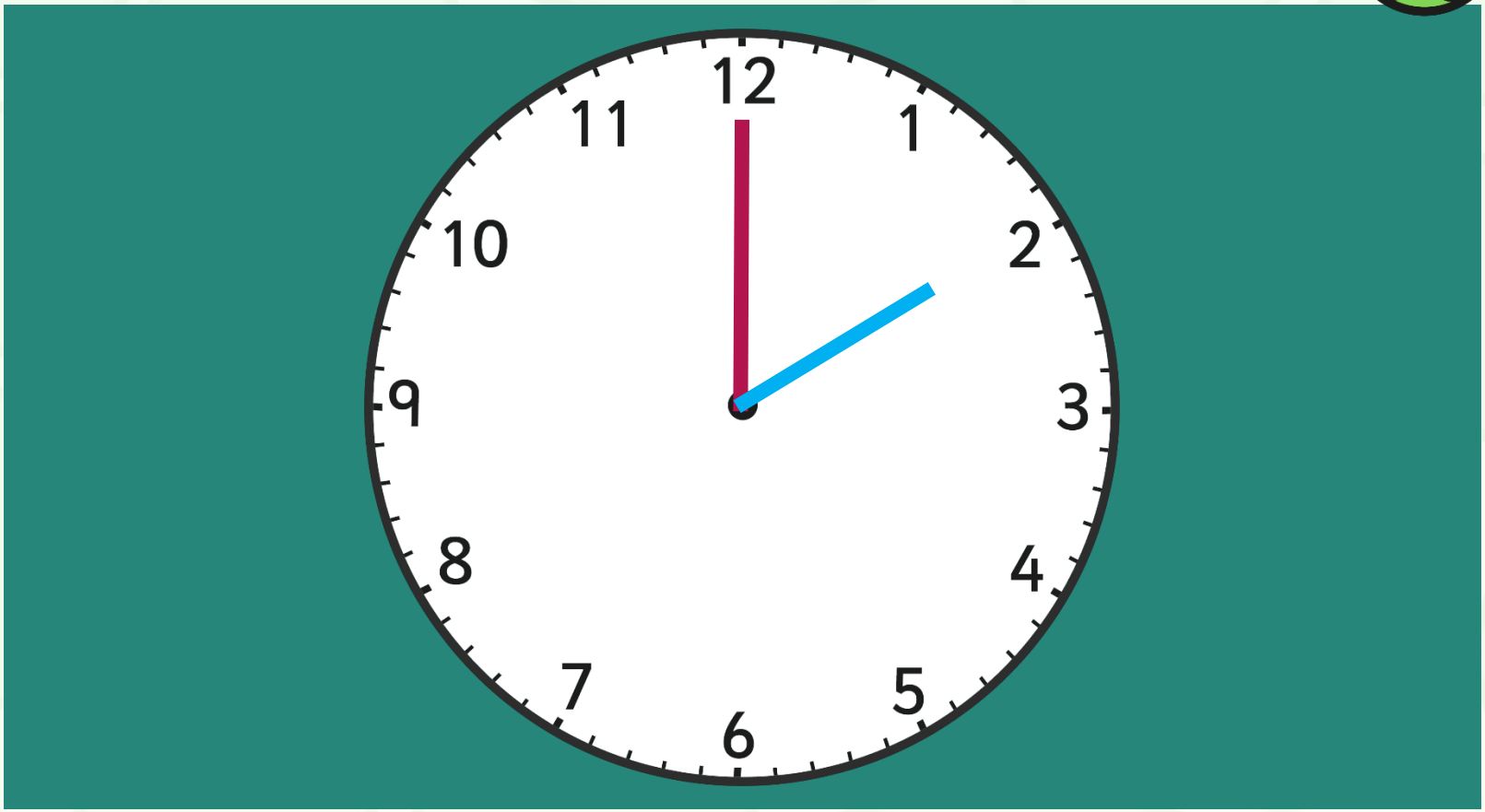


Clock Angles



Is the angle made by the lines on the clock an acute, obtuse or right angle?

Clock Angles



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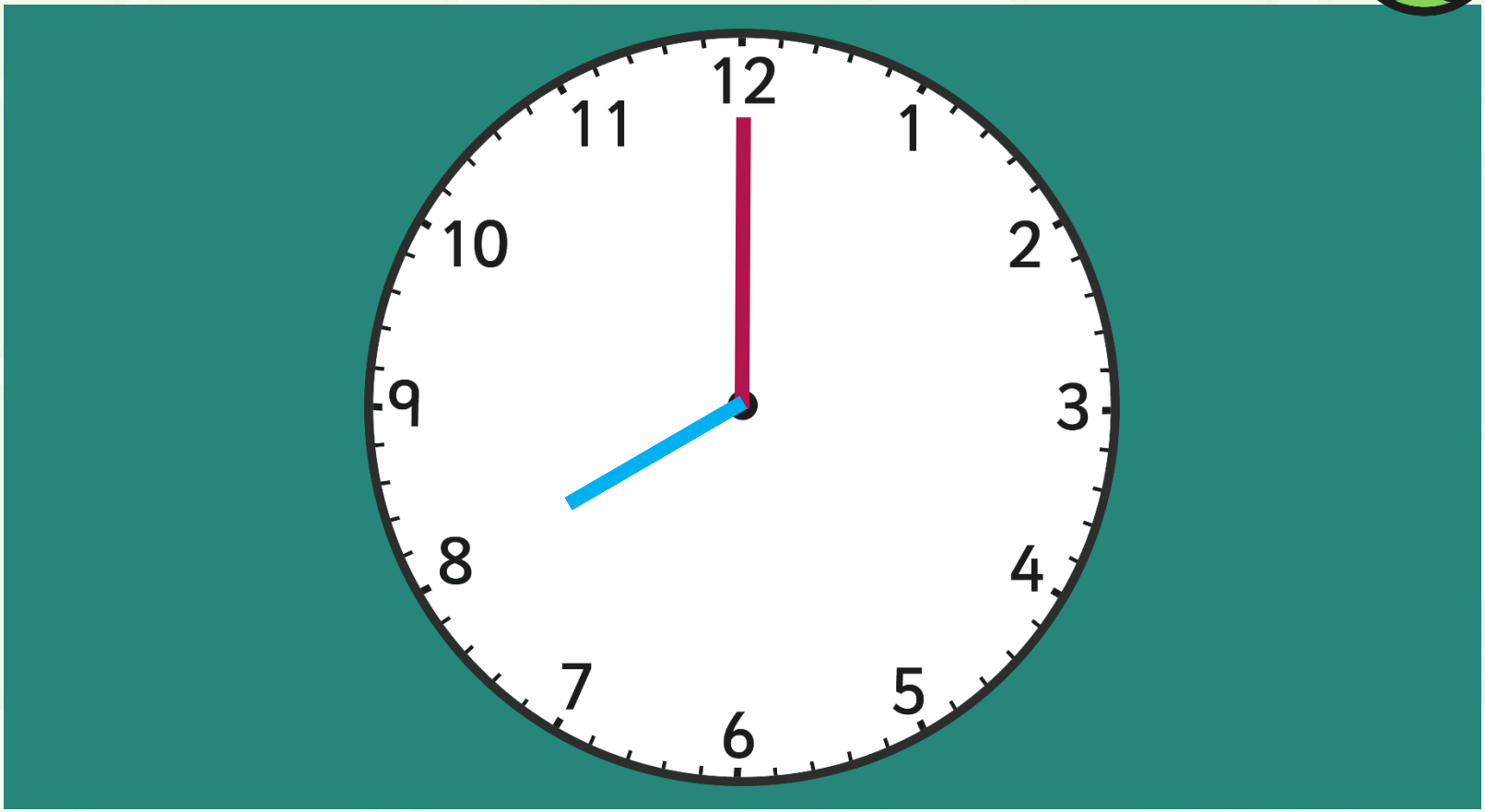

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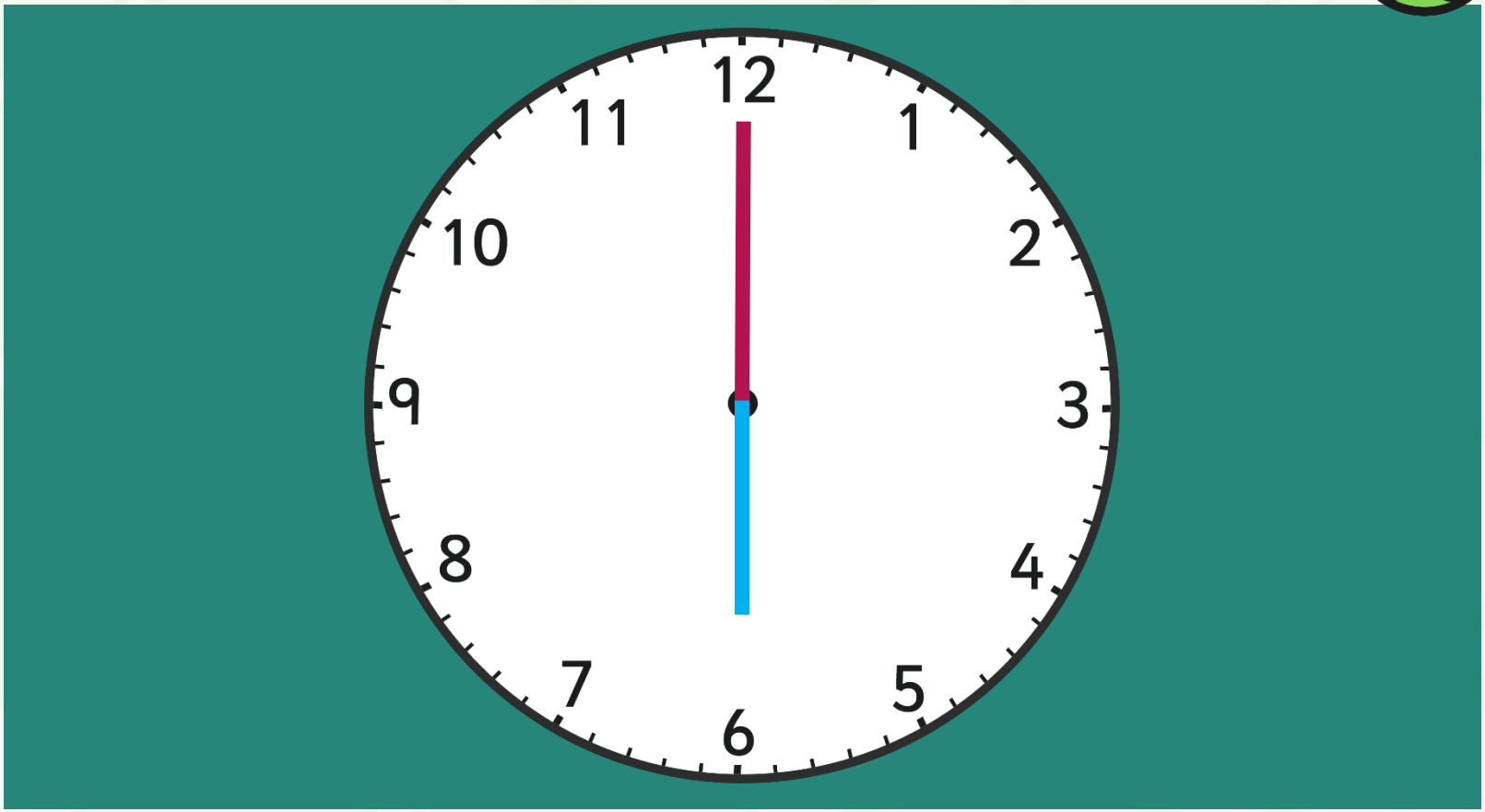
Clock Angles

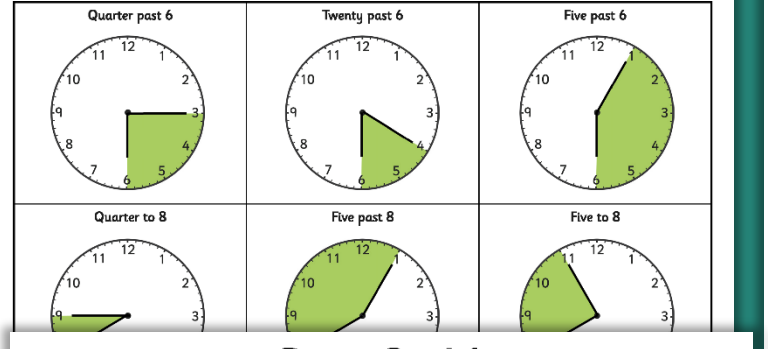


Is the angle made by the lines on the clock an acute, obtuse or right angle?

Clock Angles Activity

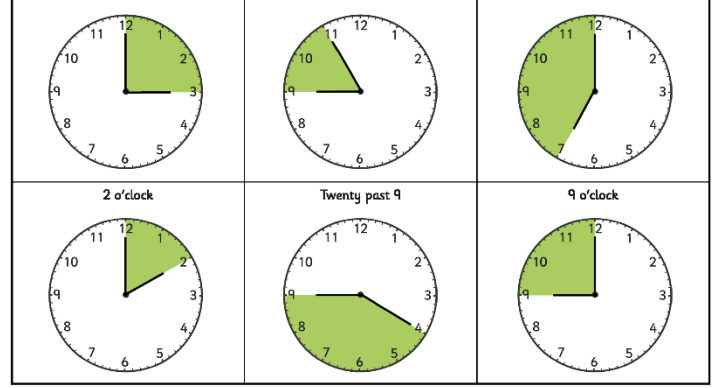
Bingo Card 2

Quarter past 6	Twenty past 6	Five past 6
Quarter to 8	Five past 8	Five to 8



Bingo Card 1

3 o'clock	Five to 9	5 o'clock
2 o'clock	Twenty past 9	9 o'clock



Clock Angles

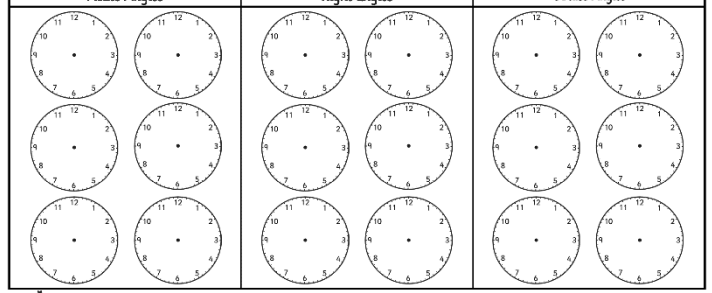
Can you cut and sort the angles made by the lines on the clockface into the correct box?

Acute Angles	Right angles	Obtuse Angles

Clock Angles

Can you draw lines on the clocks to create the matching angle?

Acute Angles	Right angles	Obtuse Angles

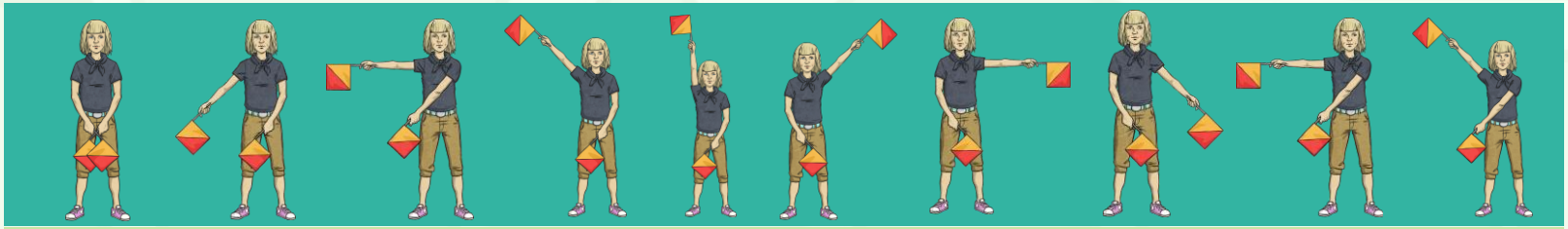


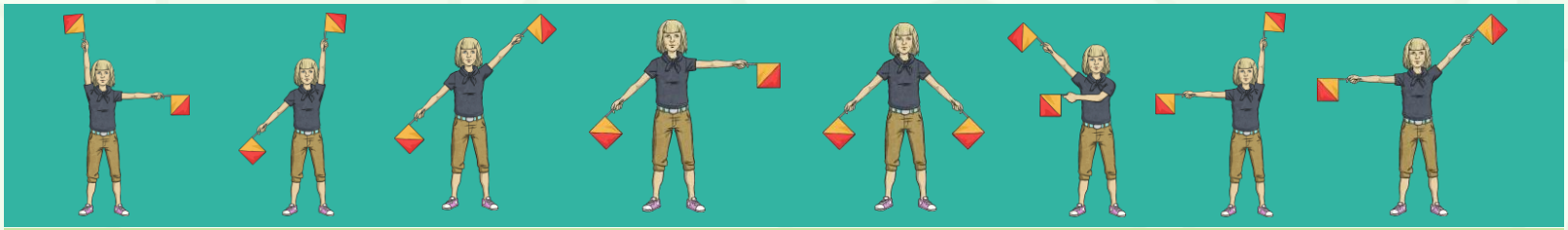
Flag Angles

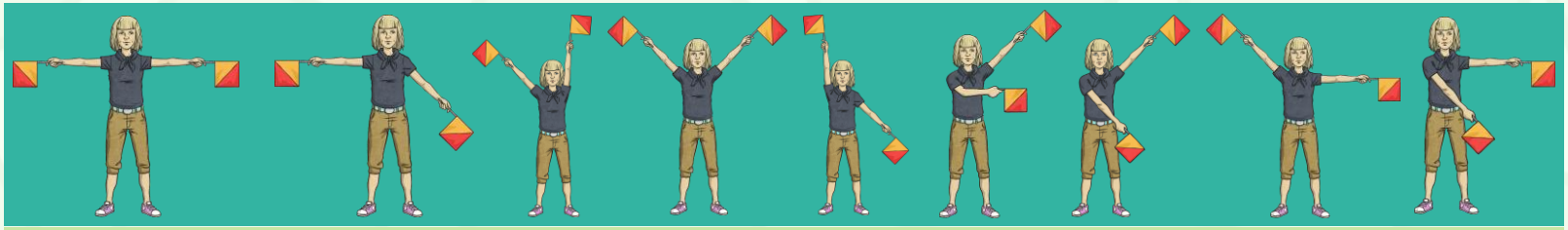
Whole Class

Can you create these semaphore signals?

Are the angles created acute, obtuse or right angles?







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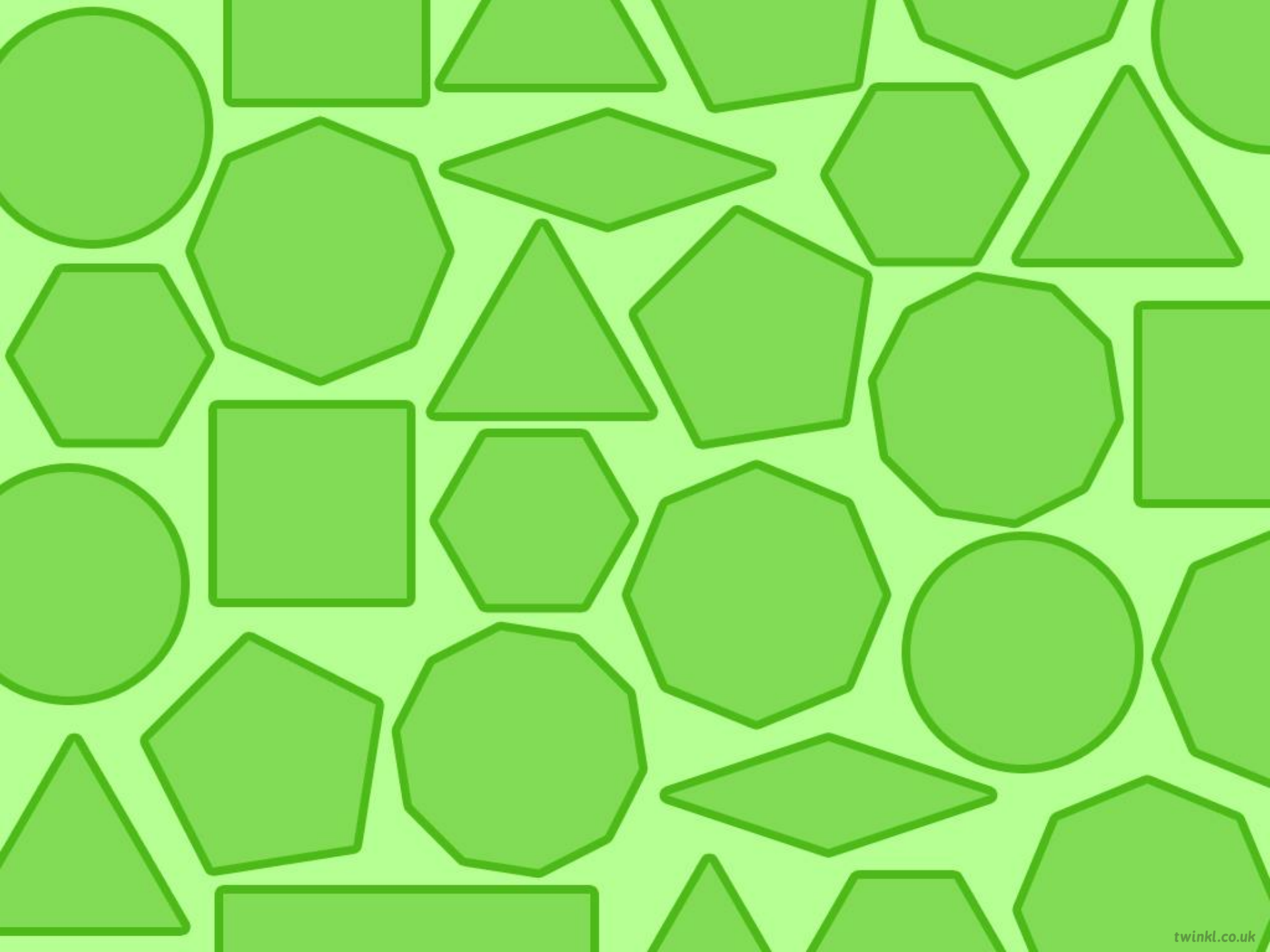
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