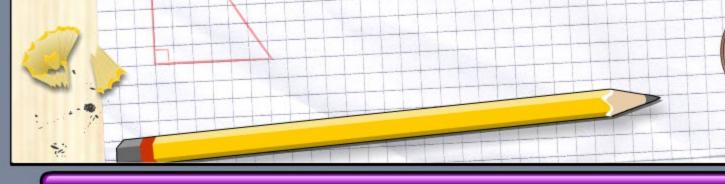
### **Boardworks Elementary School Math**





(board works)

# Information



#### Common core icons



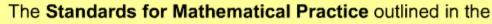
This icon indicates a slide where the Standards for Mathematical Practice are being developed. Details of these are given in the Notes field.



Slides containing examples of mathematical modeling are marked with this stamp.



This icon indicates an opportunity for discussion or group work.



Common Core State Standards for Mathematics describe varieties of expertise that mathematics educators at all levels should seek to develop in their students.

These are:

- 1) Make sense of problems and persevere in solving them.
- 2) Reason abstractly and quantitatively.
- 3) Construct viable arguments and critique the reasoning of others.
- 4) Model with mathematics.
- 5) Use appropriate tools strategically.
- 6) Attend to precision.
- 7) Look for and make use of structure.
- 8) Look for and express regularity in repeated reasoning.



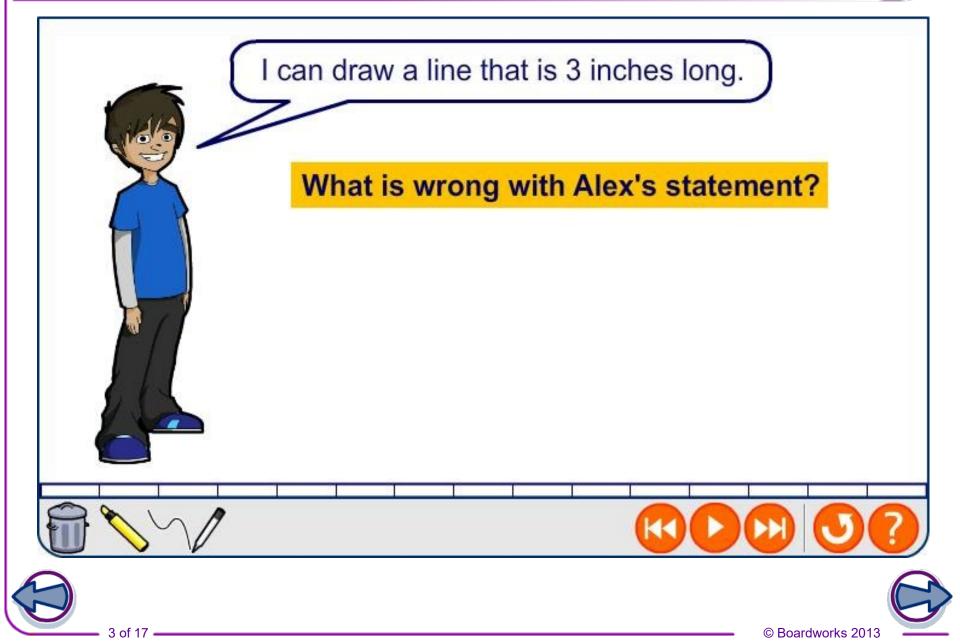
This icon indicates that the slide contains activities created in Flash. These activities are not editable.



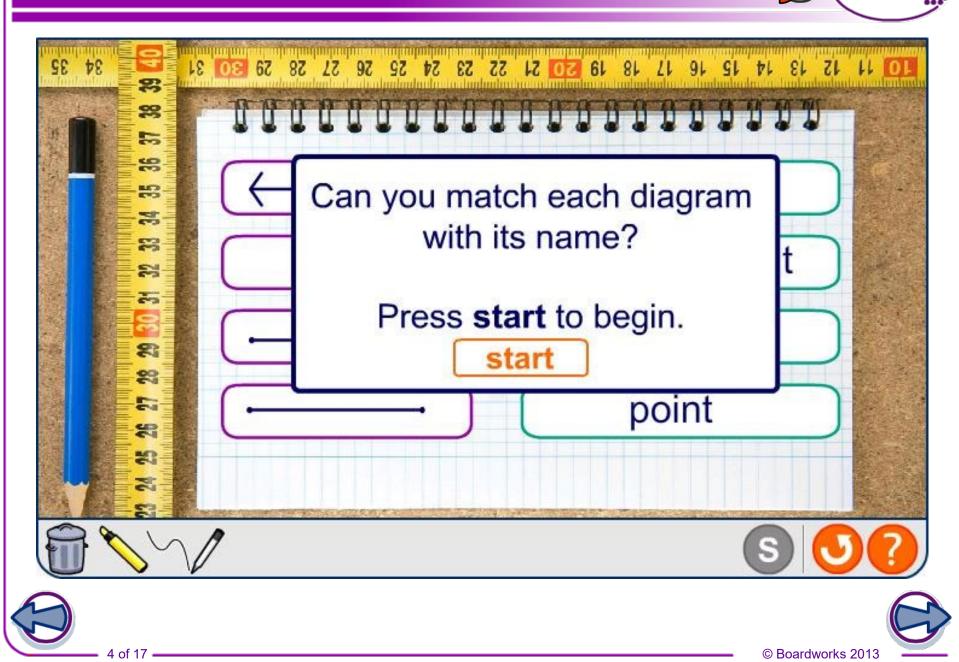
This icon indicates teacher's notes in the Notes field.







# Matching



board work:

### Angles and parallel lines

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Is it possible to draw two lines that will never cross?

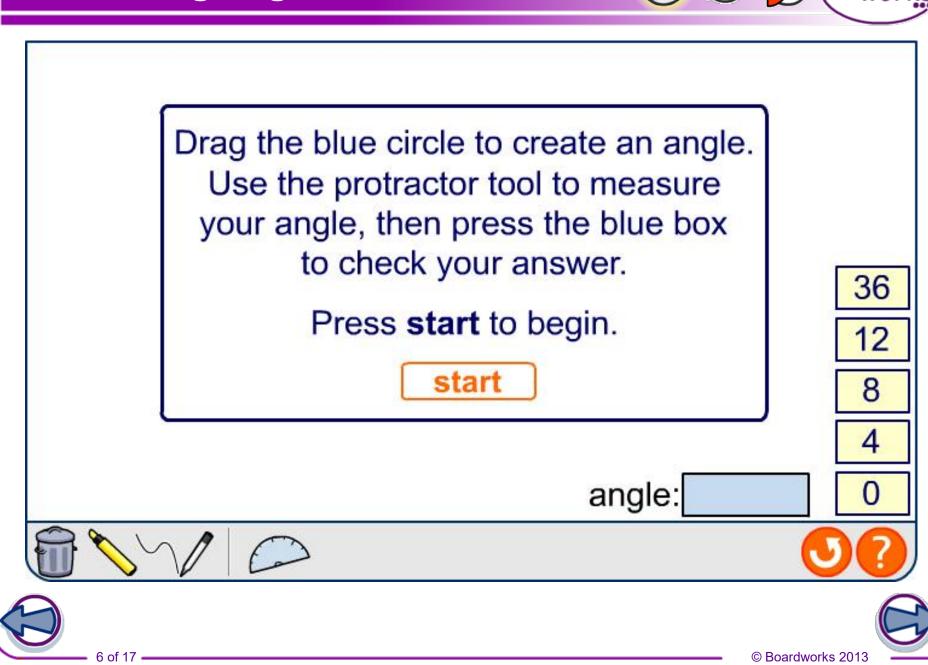
No. Because lines go on forever, they will cross eventually.

Yes. Some lines do cross, but it is possible to draw a pair that never will.

Who do you think is right?



board



board

board Works

Did you notice that the angle halfway to a straight line measures 90°? This angle is called a **right angle**.

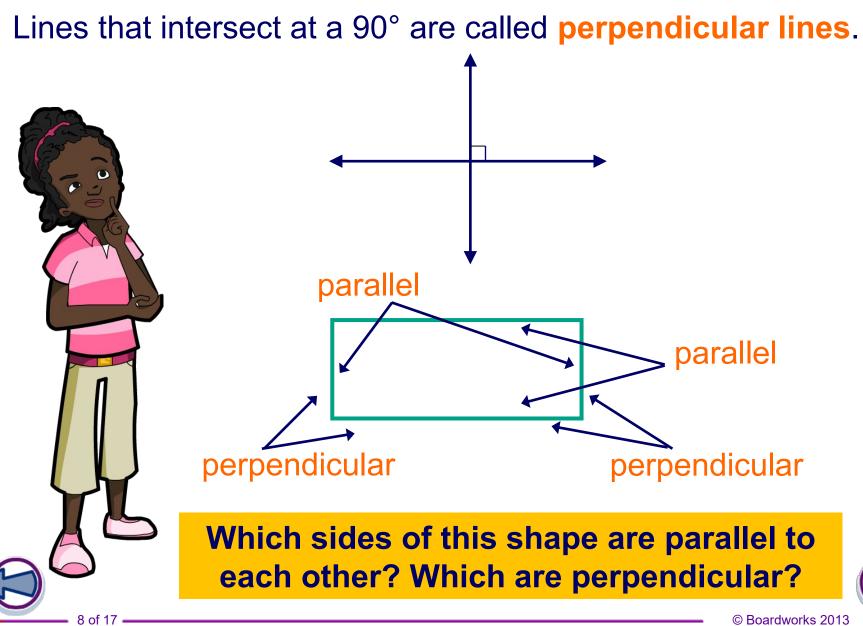
Right angles are often marked with a square to show that they are exactly 90°.

How many right angles can you see in your classroom?

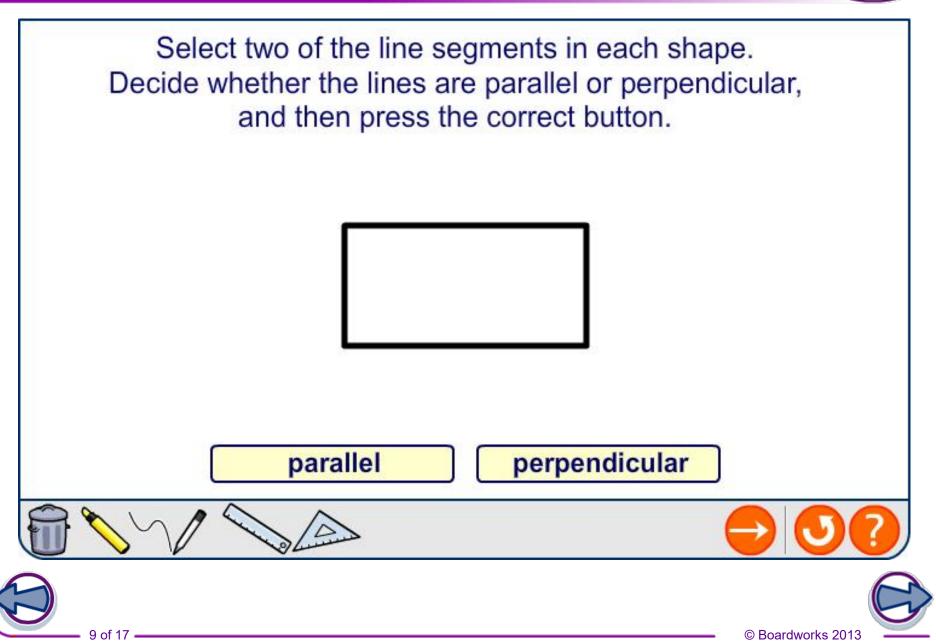














#### Angles that are **smaller than 90°** are called **acute angles**.

#### Angles that are larger than 90° are called obtuse angles.

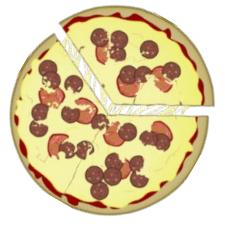


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### Which of these pizza slices is acute? Which is obtuse?



acute

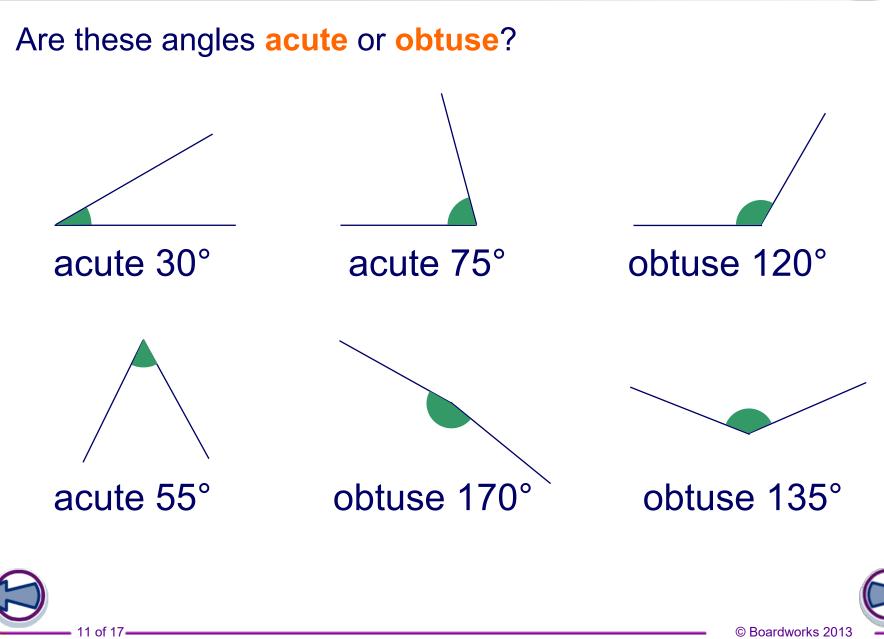


obtuse



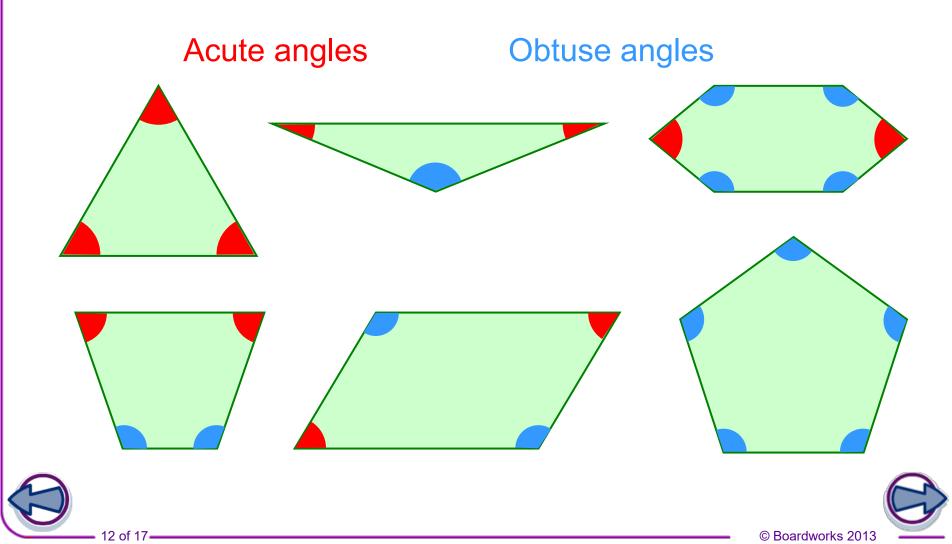
### Acute or obtuse?





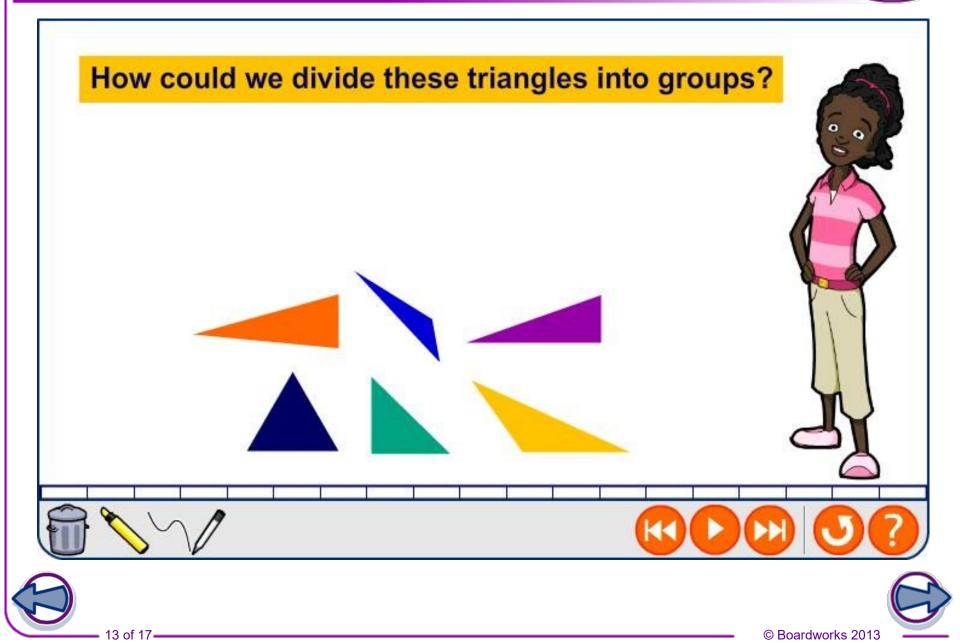


Can you find all the acute angles and all the obtuse angles in these shapes?



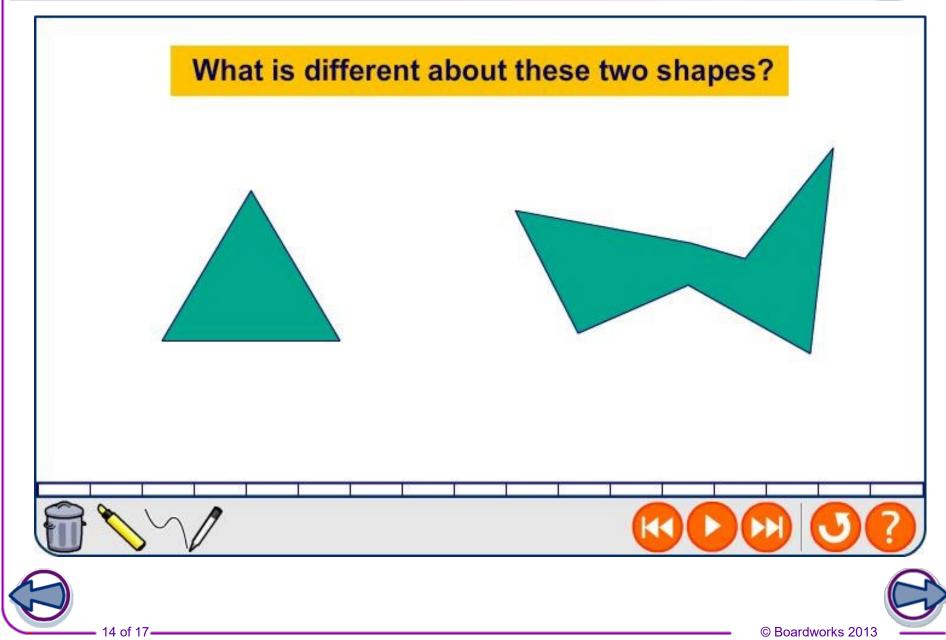






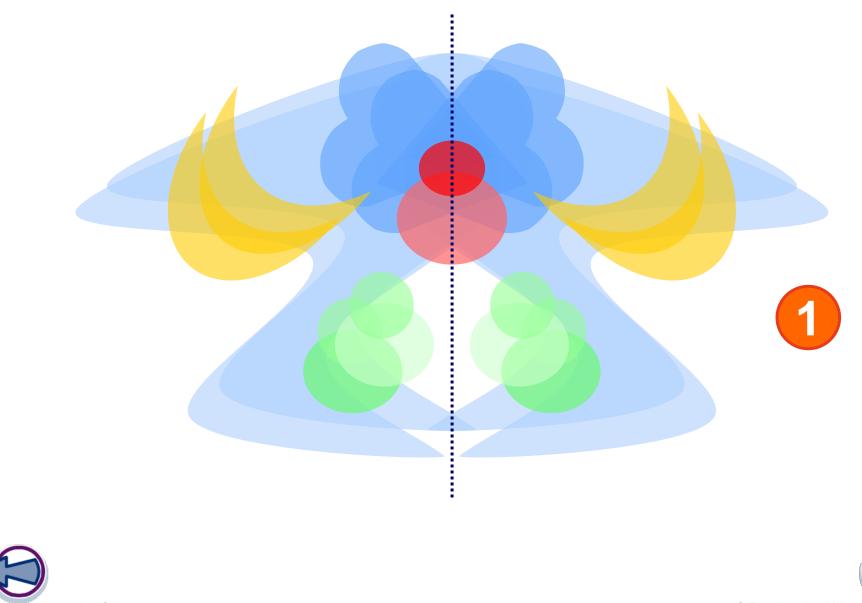






# How many lines of symmetry?

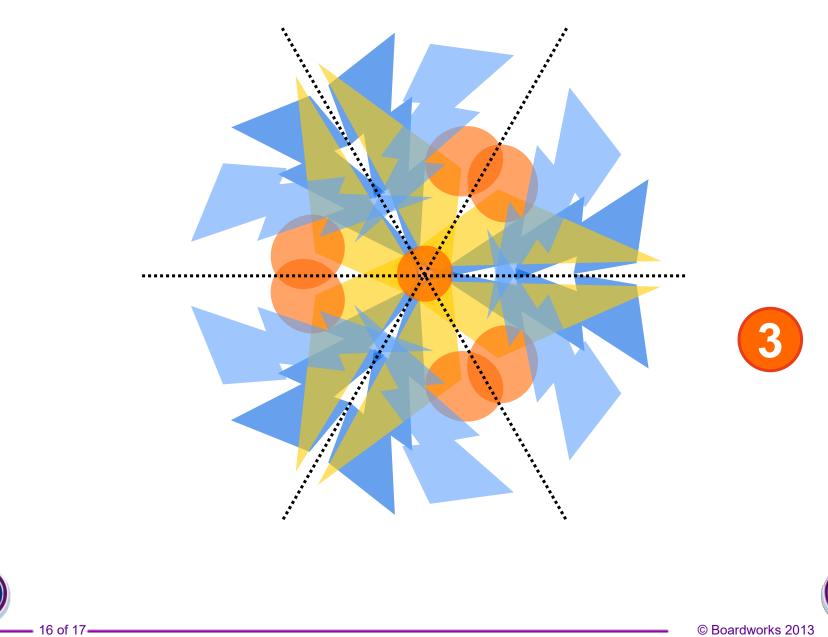




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## How many lines of symmetry?





# How many lines of symmetry?



