

Mathematics

Angles inside a shape

Mr Kelsall

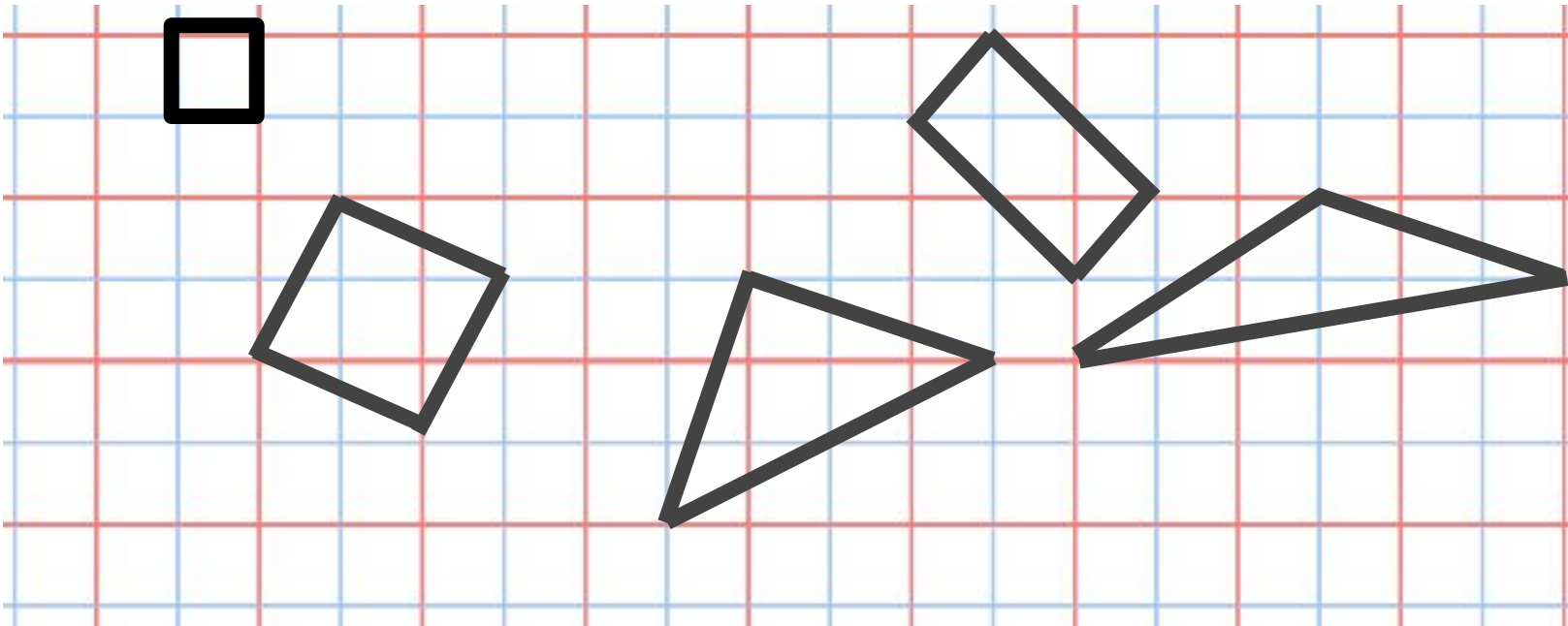


New learning: recognise angles

How many right angles?

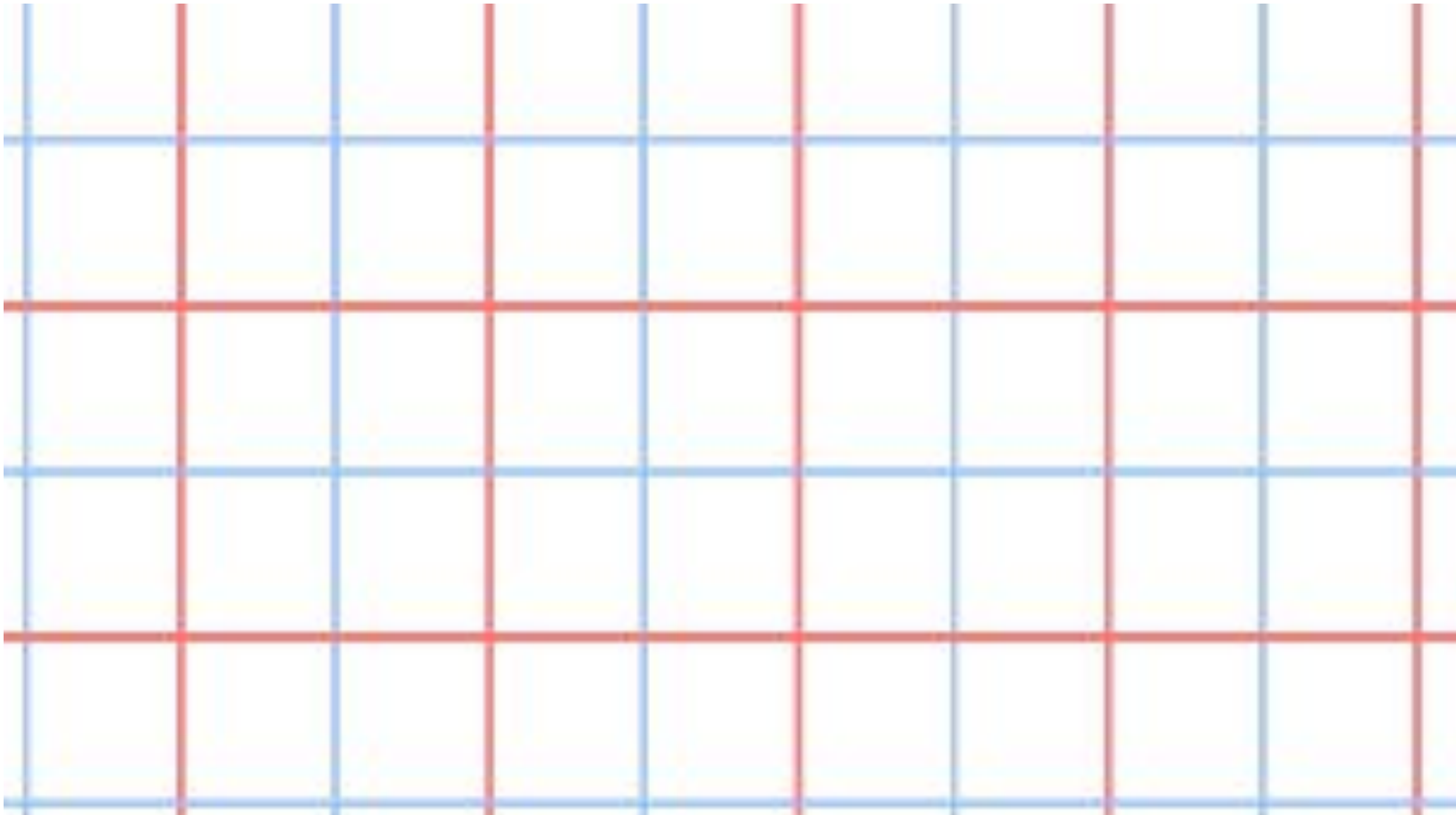
How many acute angles?

How many obtuse angles?



New learning: angle statements

“A triangle has a right angle”



Always true

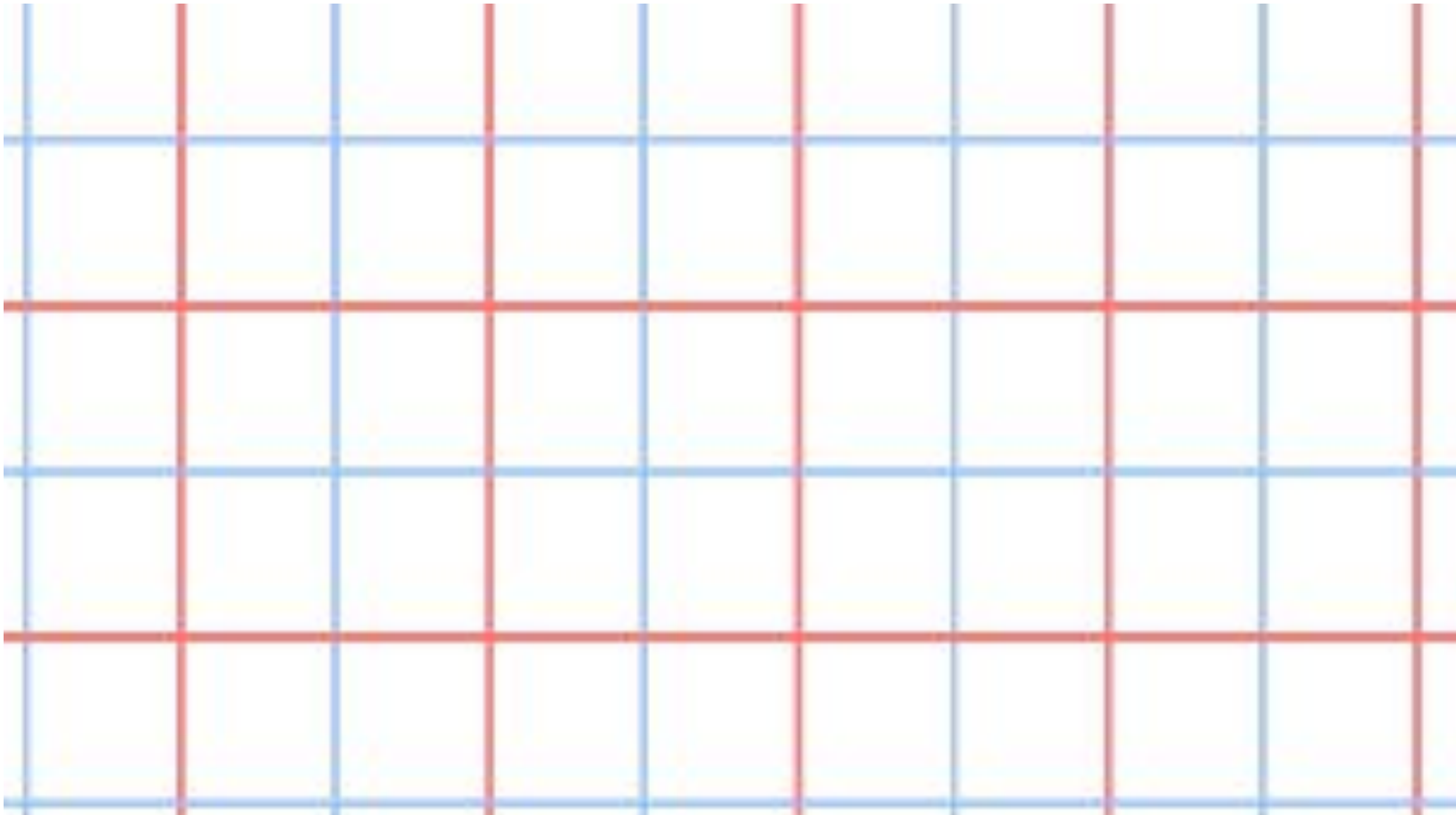
Sometimes
true

Never true



New learning: angle statements

“A square has 4 right angles”



Always true

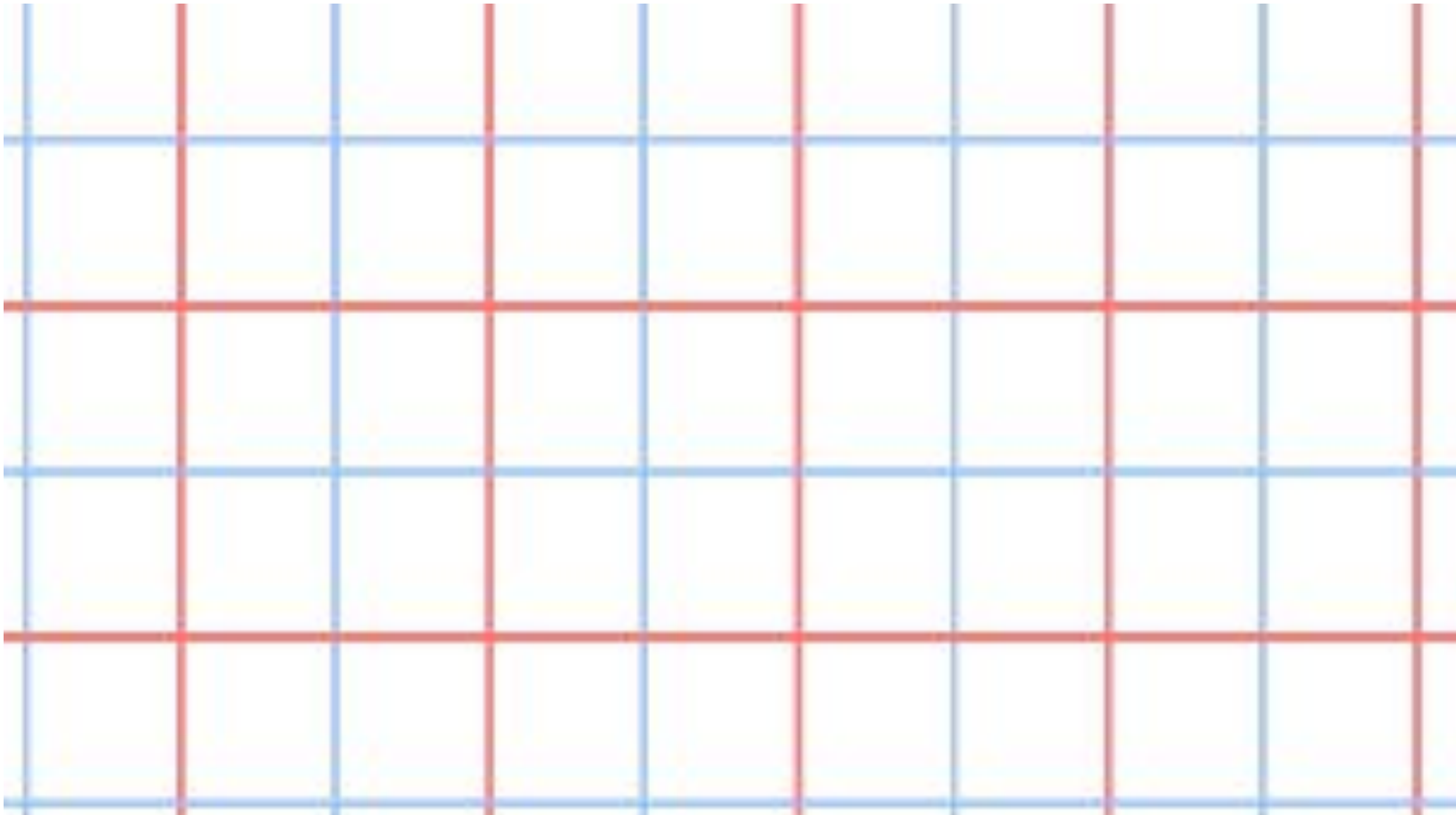
Sometimes
true

Never true



New learning: angle statements

“A triangle has 3 acute angles”



Always true

Sometimes
true

Never true



Develop learning: angle statements

“___ is ___ because ___”

“A quadrilateral has 4 right angles”

“A quadrilateral has 3 acute angles”

“A quadrilateral has 2 obtuse angles”

“A five sides shape has no acute angles”

Always true

Sometimes
true

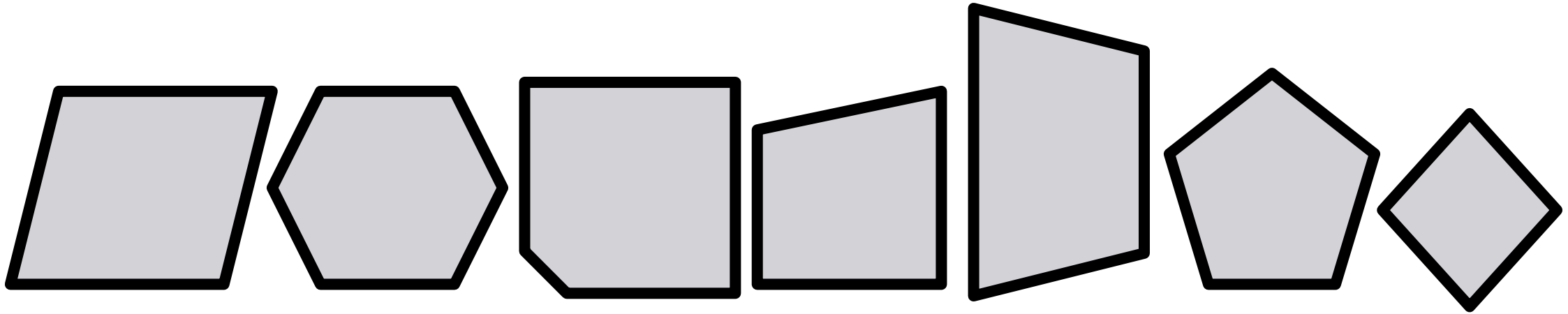
Never true



Develop learning: angle statements

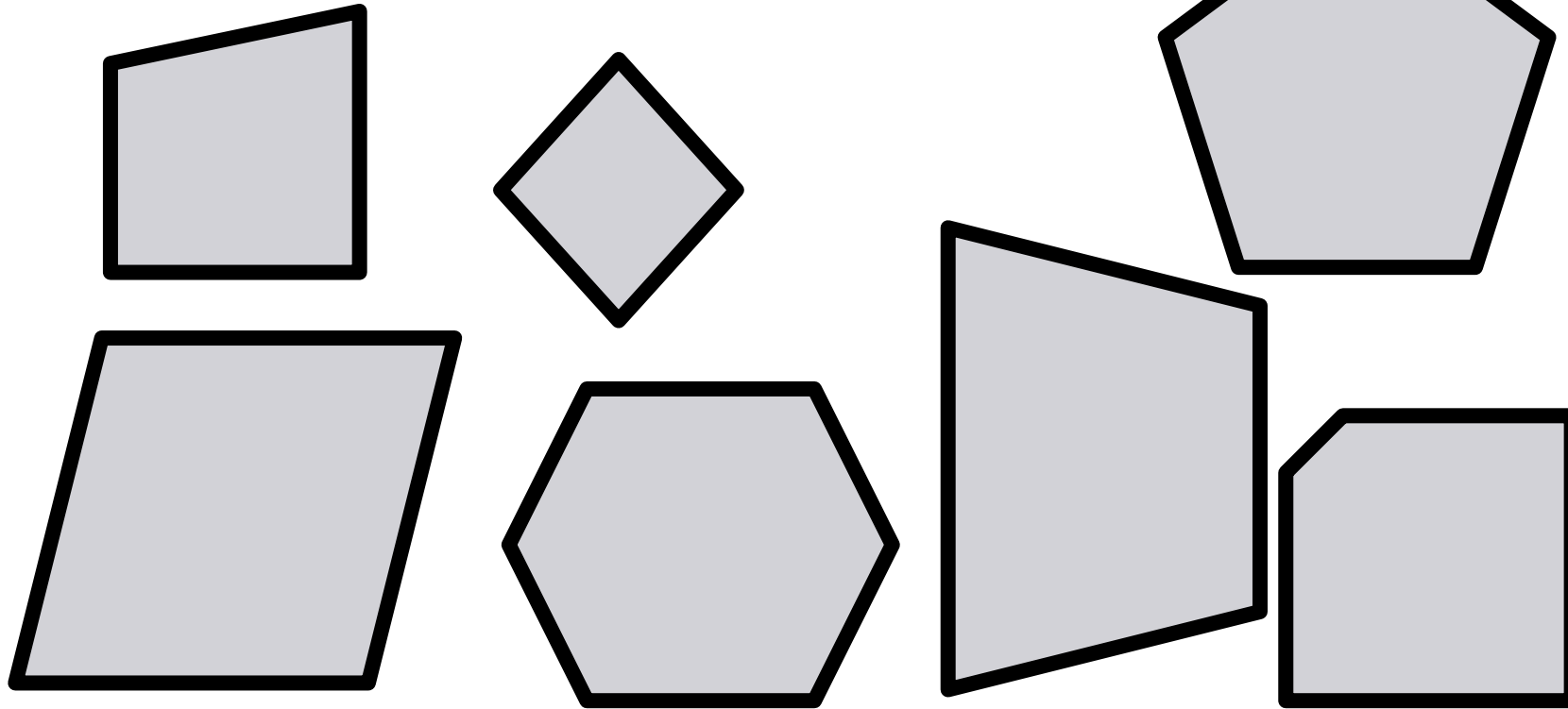
What are the names of these shapes?

What do you know about their angles?



Independent task

Create your own statements about these shapes then decide whether they are true always, sometimes or never



Always true

Sometimes true

Never true



