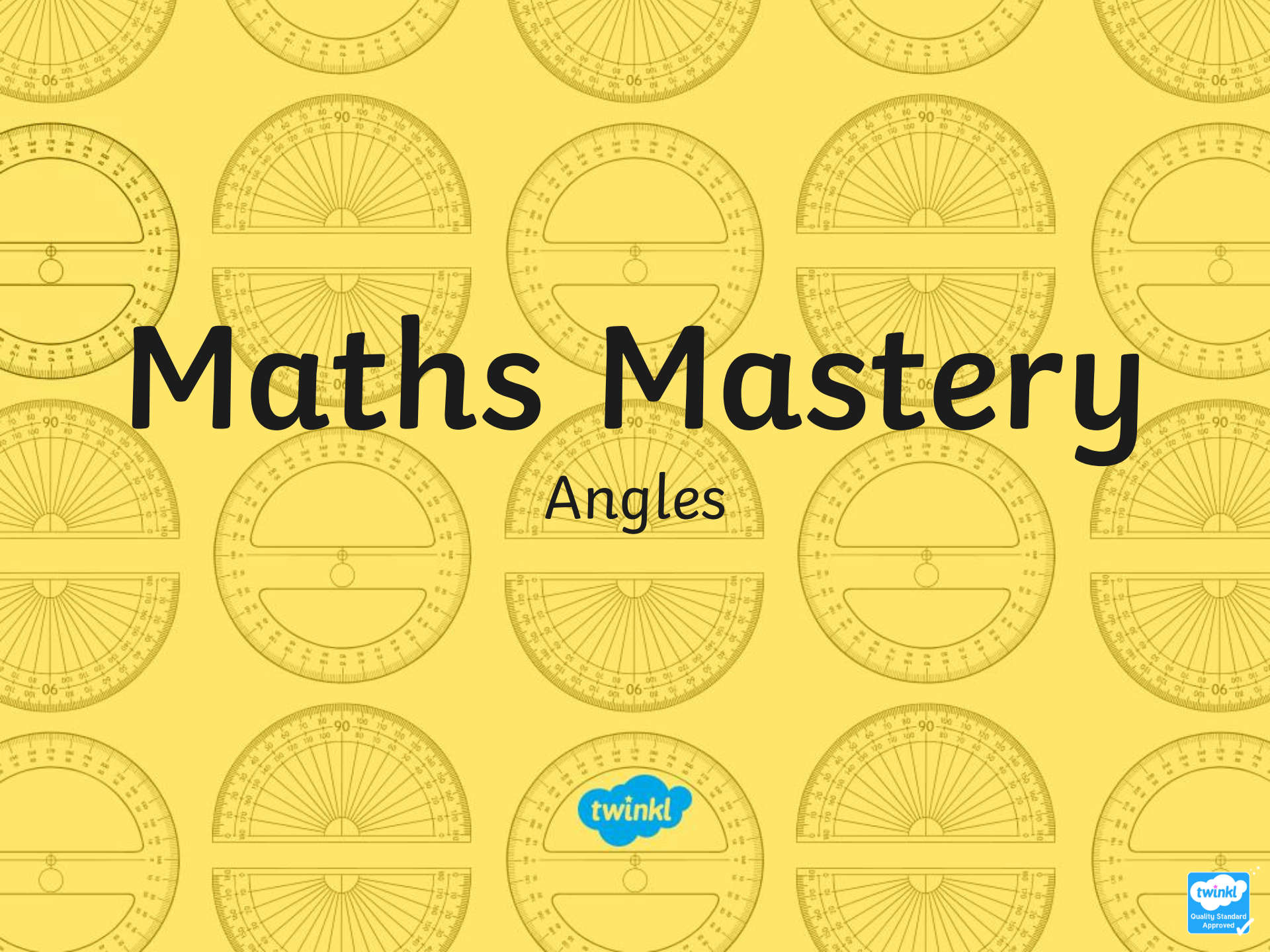
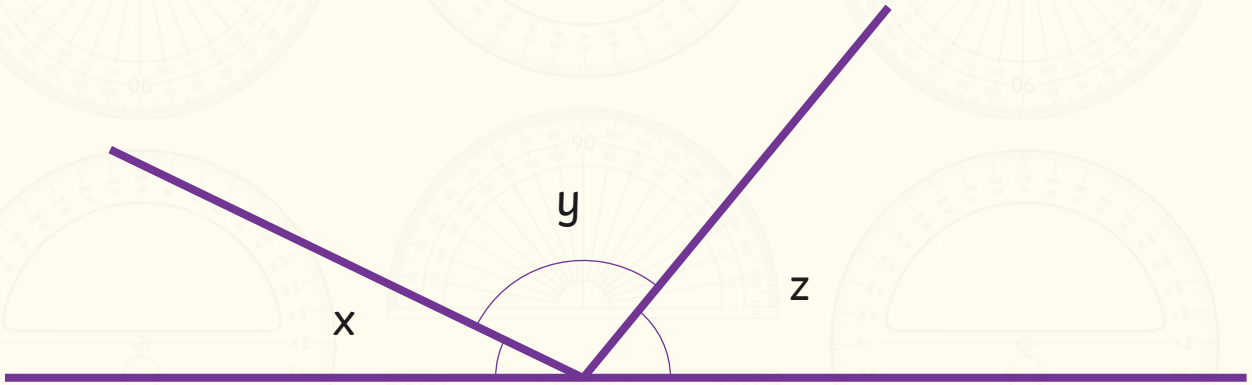
Maths Mastery

Angles



Straight Line

Write a formula for calculating the size of angle z, using known angles x and y.



$z = 180^0 - x - y$ or $y = 180^0 - (x + y)$

Share your ideas with a partner.

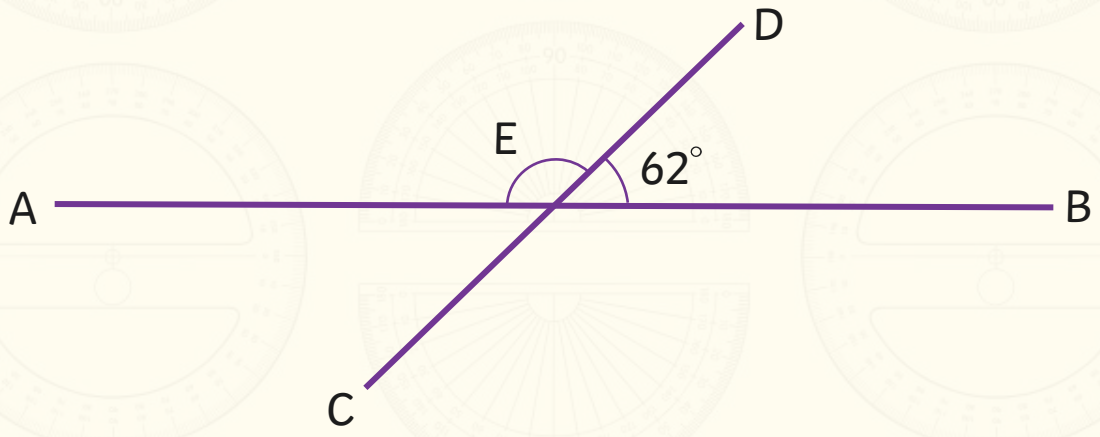
For what other sets of intersecting lines can you write formulae?

Hide Answers

Intersecting Lines

Halim says that the angles E and 62° add up to 180°.

Explain what you think about this statement.

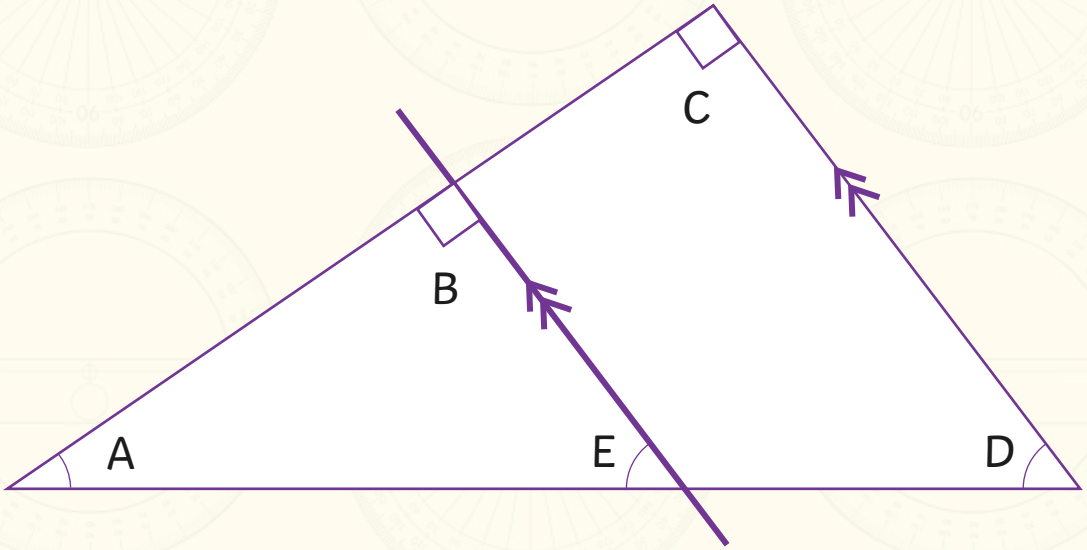


Line AB is horizontal, so angle E = 180 – 62. So angle E = 118

Hide Answers

Shapes and Lines

Explain why angle E and angle D are equal.

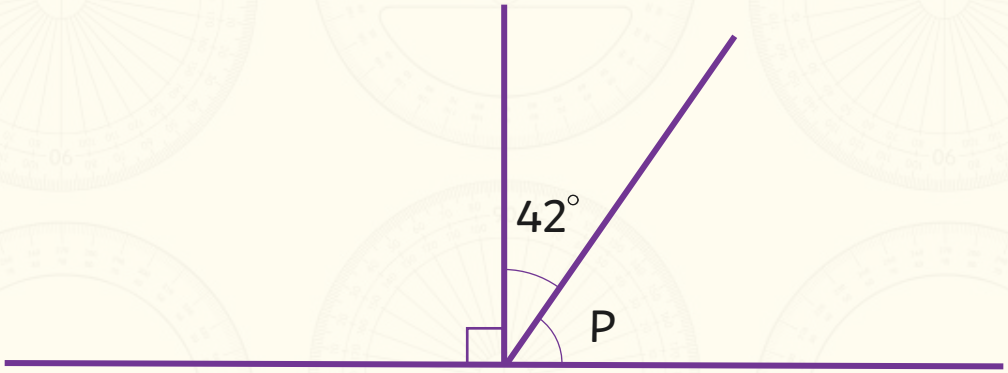


E and D are corresponding angles. This means they will be equal.

Hide Answers

Calculate

Calculate the missing angle.



P=48°

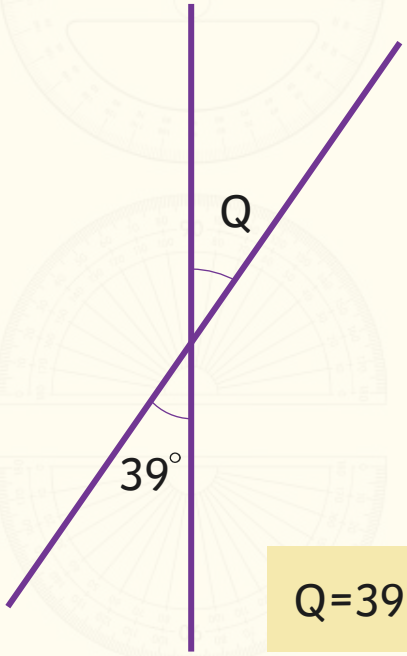
Check your answer with a partner.

Make some of your own for a partner.

Hide Answers

Calculate

Calculate the missing angle.



Q=39°

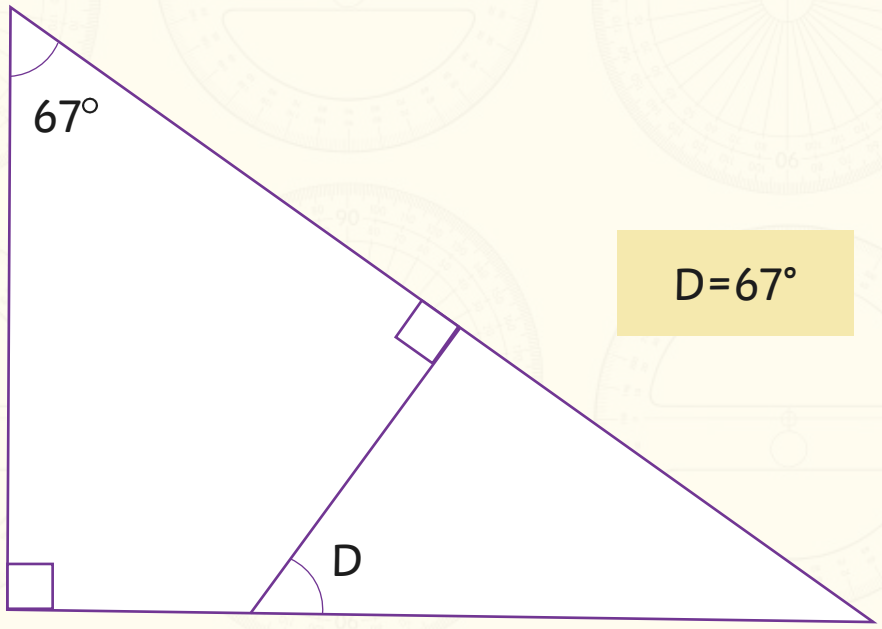
Check your answer with a partner.

Make some of your own for a partner.

Hide Answers

Calculate

Calculate the missing angle.



D=67°

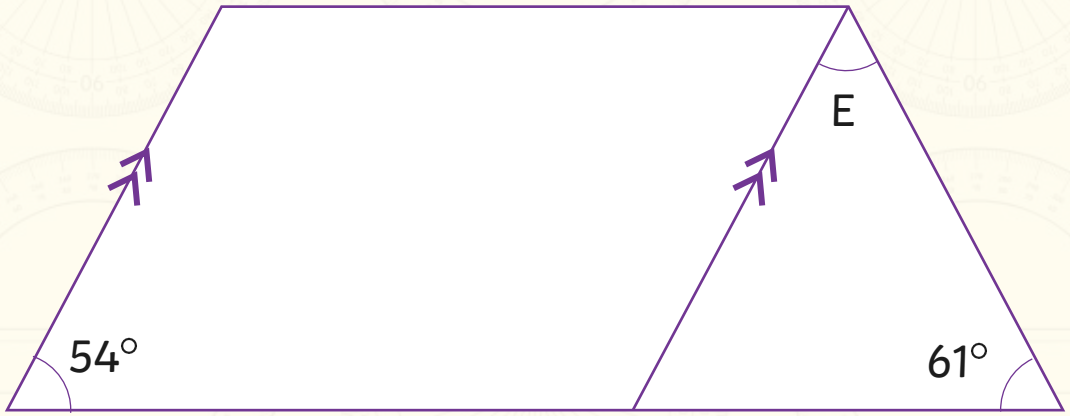
Check your answer with a partner.

Make some of your own for a partner.

Hide Answers

Calculate

Calculate the missing angle.

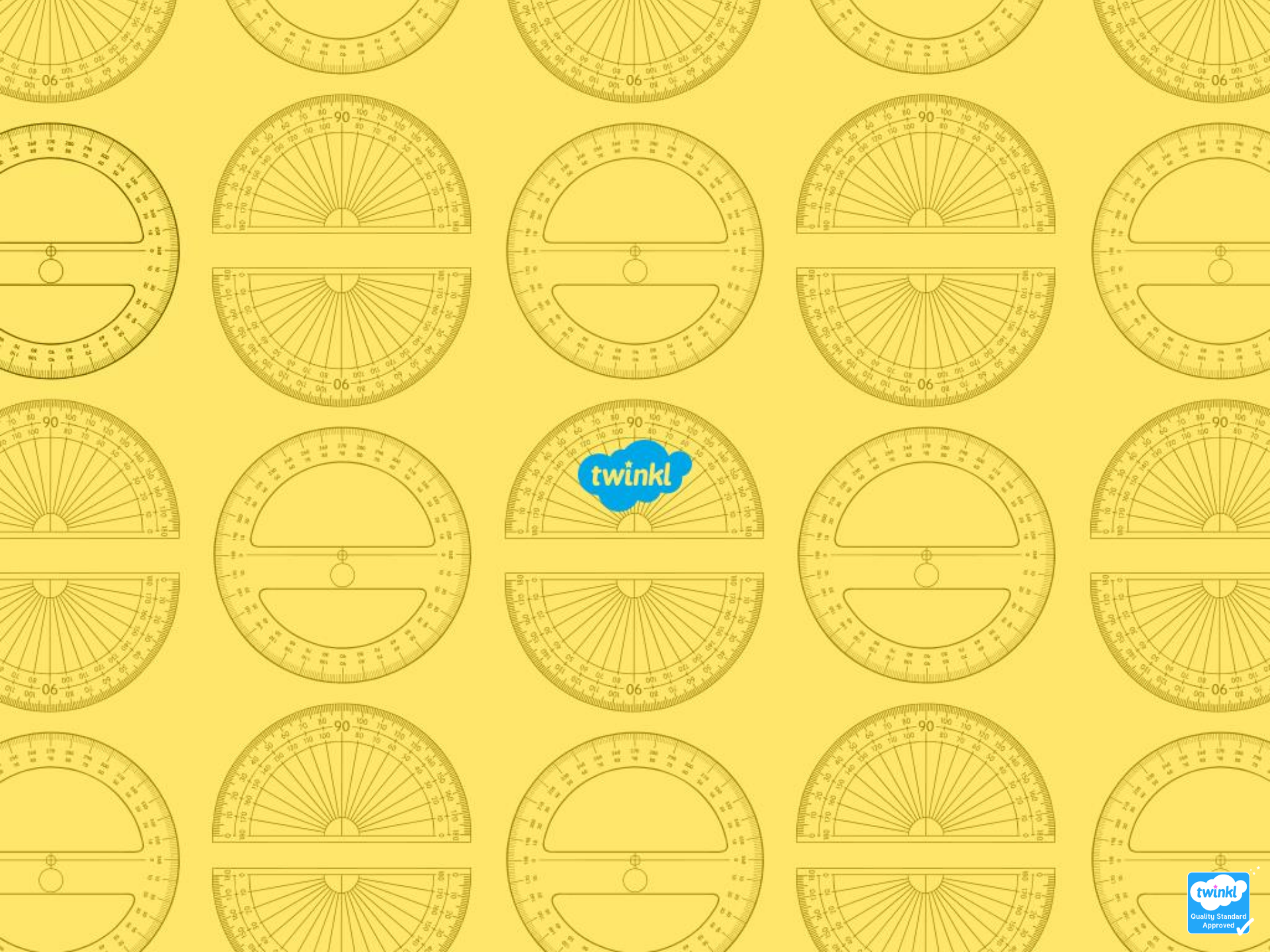


E=65°

Check your answer with a partner.

Make some of your own for a partner.

Hide Answers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