

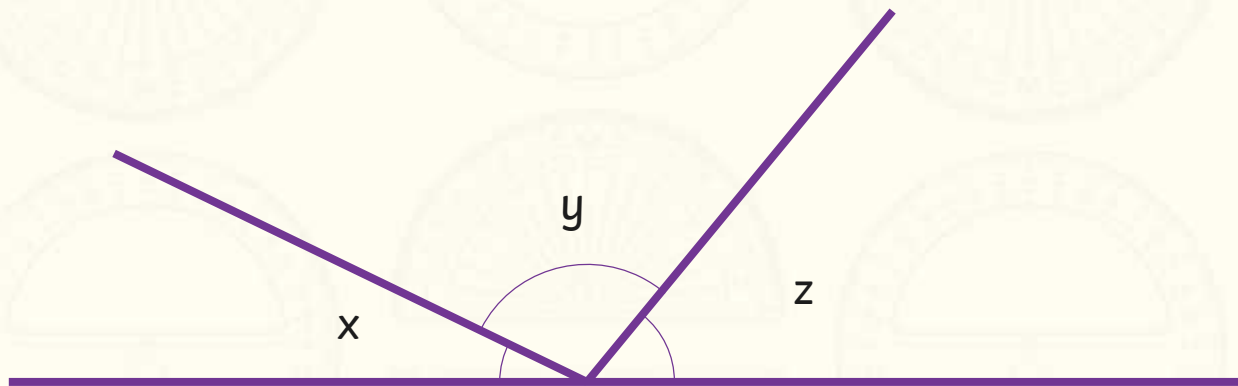


Maths Mastery

Angles

Straight Line

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



$$z = 180^\circ - x - y \text{ or } z = 180^\circ - (x + y)$$

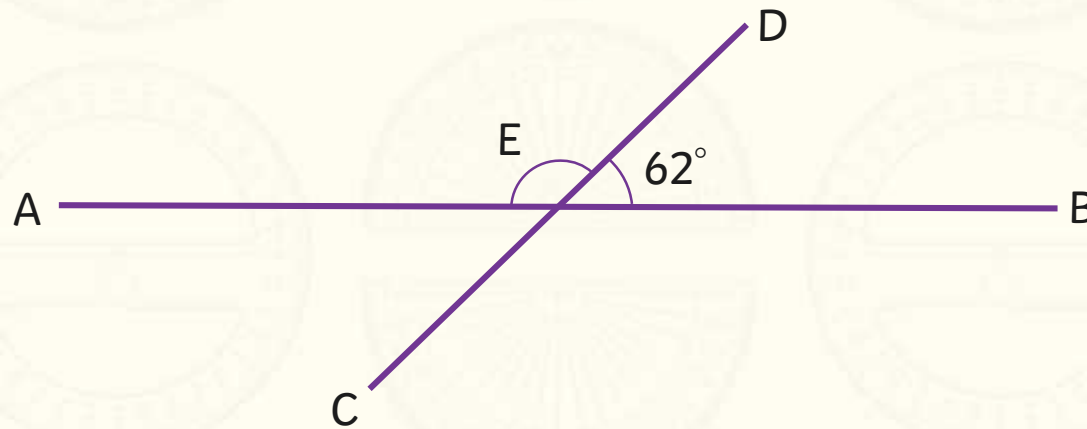
Share your ideas with a partner.

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.

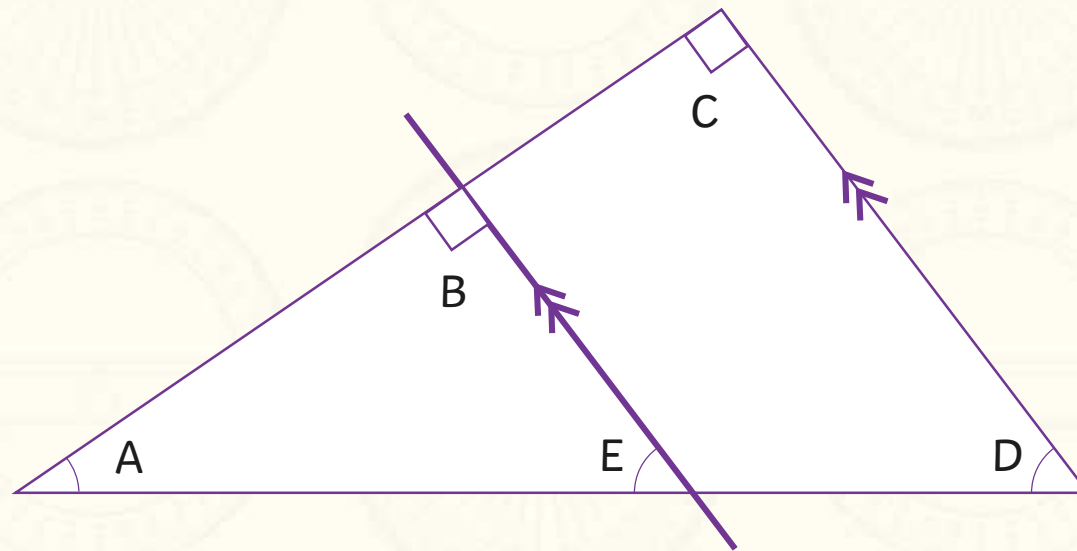


Line AB is horizontal, so angle E = $180 - 62$. So angle E = 118

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Answers

Shapes and Lines

Explain why angle E and angle D are equal.

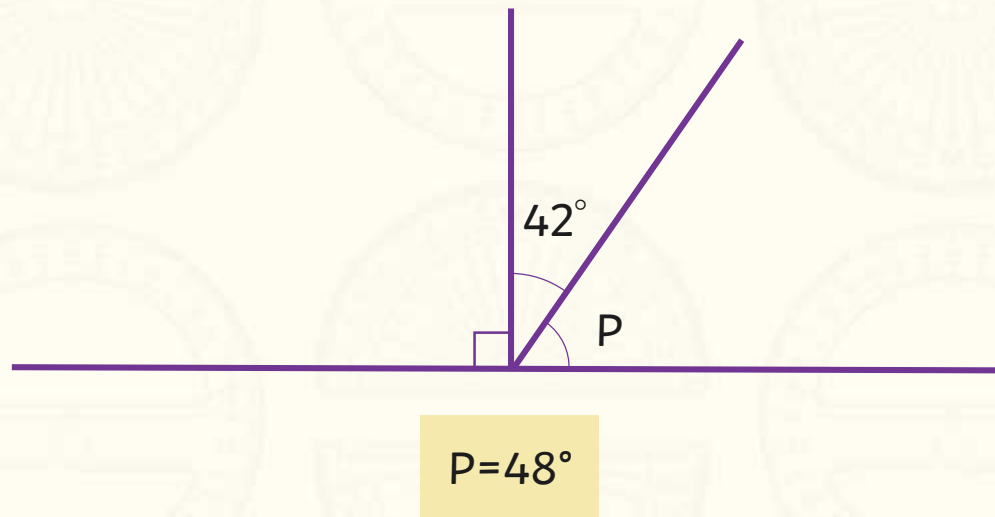


E and D are corresponding angles. This means they will be equal.

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Answers

Calculate

Calculate the missing angle.

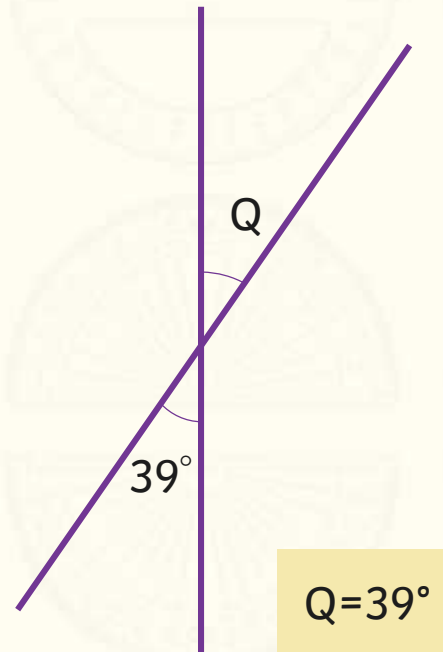


Check your answer with a partner.
Make some of your own for a partner.

Hide
Answers

Calculate

Calculate the missing angle.



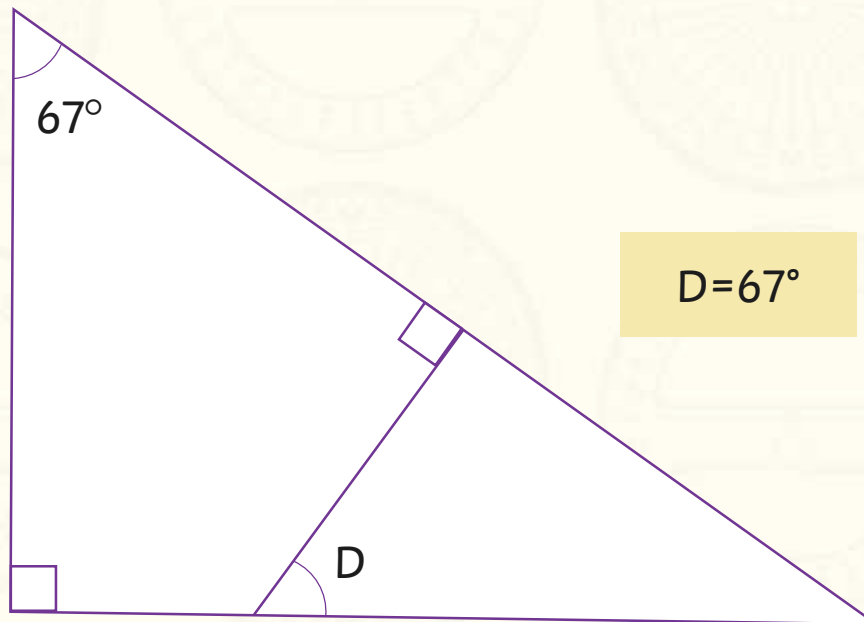
$$Q = 39^\circ$$

Check your answer with a partner.
Make some of your own for a partner.

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Answers

Calculate

Calculate the missing angle.



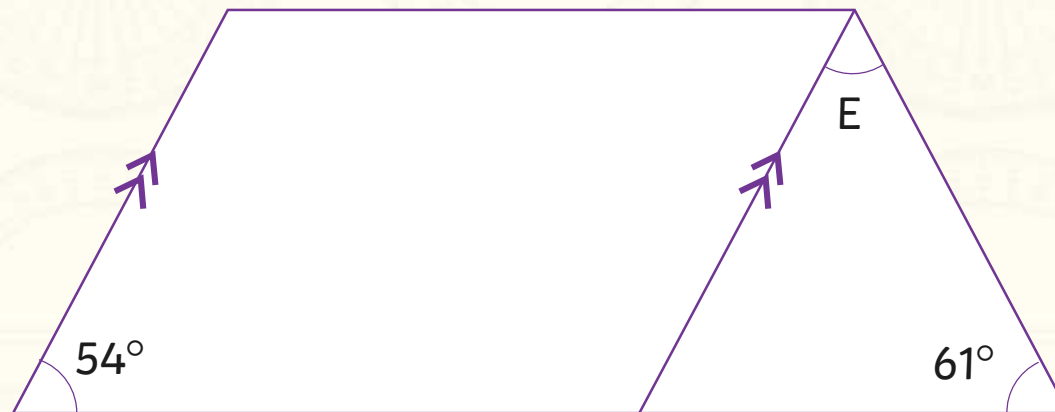
$$D = 67^\circ$$

Check your answer with a partner.
Make some of your own for a partner.

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Answers

Calculate

Calculate the missing angle.



$$E = 65^\circ$$

Check your answer with a partner.
Make some of your own for a partner.

Hide
Answers

