Name: _____ 5-a-day Higher

28th April

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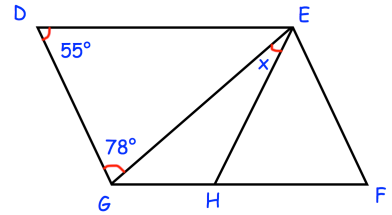
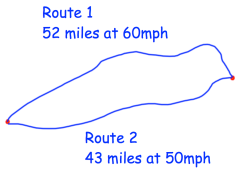
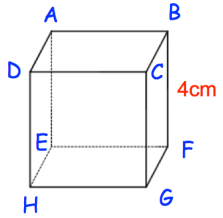


DEFG is a parallelogram
EH = EF

Find x



Which Route is faster and by how much?



Shown is a cube. Calculate length AG.

Factorise $8y^2 + 10y - 3$

Write the numbers 2, 3, 4 and 5 into the boxes to give smallest possible answer.

$$\square\frac{\square}{7} \times \square\frac{1}{\square}$$

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D E 55° x 78° G H F

DEFG is a parallelogram
EH = EF

Find x

Route 1
52 miles at 60mph
Route 2
43 miles at 50mph

Which Route is faster and by how much?

A B D C 4cm E F H G

Shown is a cube. Calculate length AG.

Factorise $8y^2 + 10y - 3$

Write the numbers 2, 3, 4 and 5 into the boxes to give smallest possible answer.

$$\square\frac{\square}{7} \times \square\frac{1}{\square}$$

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