

21st June



Corbettmaths

Alex works for the council.
He records the number of people in cars travelling down a street over one hour.

Number of people in each car		Number of cars		
1	x	41	=	41
2	x	54	=	108
3	x	32	=	96
4	x	20	=	80
5	x	3	=	15
		150		<u>340</u>

Work out the total number of cars that travelled down the street.

150

Work out the total number of people that travelled in cars down the street.

340

Work out the mean number of people travelling in each car.

$$340 \div 150$$

$$2.26$$

Expand and simplify

$$(5w + 1)(3w + 2)$$

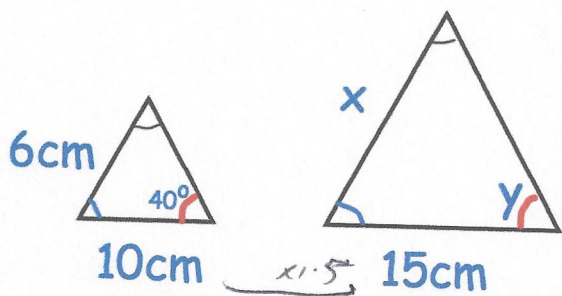
$$15w^2 + 10w + 3w + 2$$

$$15w^2 + 13w + 2$$

Expand and simplify

$$(y - 8)^2 \quad (y - 8)(y - 8)$$

$$y^2 - 16y + 64$$



Work out side length, x

9cm

Work out angle y

40°