Formal methods: multiply decimals

Tommy is working out 2.4×3

Tens	Ones	Tenths	
		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	

a) Use Tommy's method to work out the answer.

b) Use a place value chart and counters to work out these calculations.

$$14.2 \times 4 = 56 \cdot 8 \qquad 3.21 \times 5 = 16 \cdot 05 \qquad 5.73 \times 2 = 11 \cdot 46$$

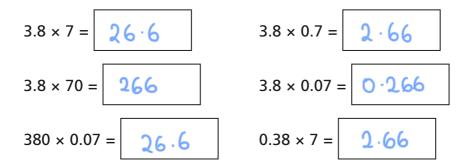
a) Work out 38 × 7

266

7.2

White Rose Maths

b) Use your answer to work out these calculations.



c) Compare answers with a partner. Discuss the method that you used.

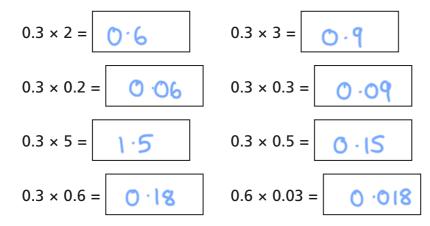
× 28
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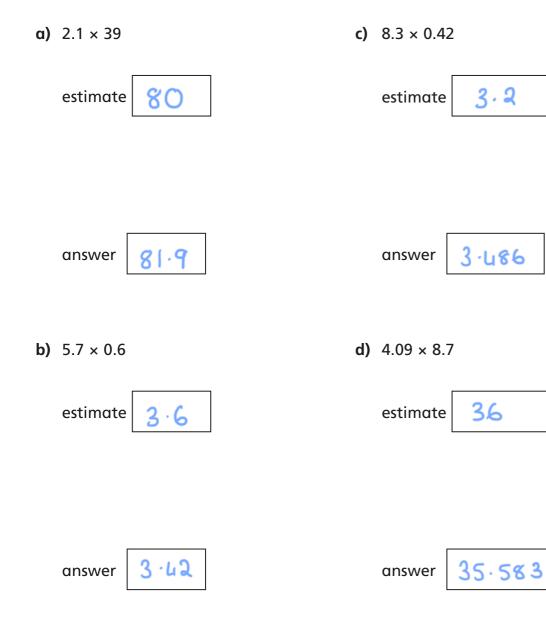
ultiplied each y 10, so I'll wer is 0.8

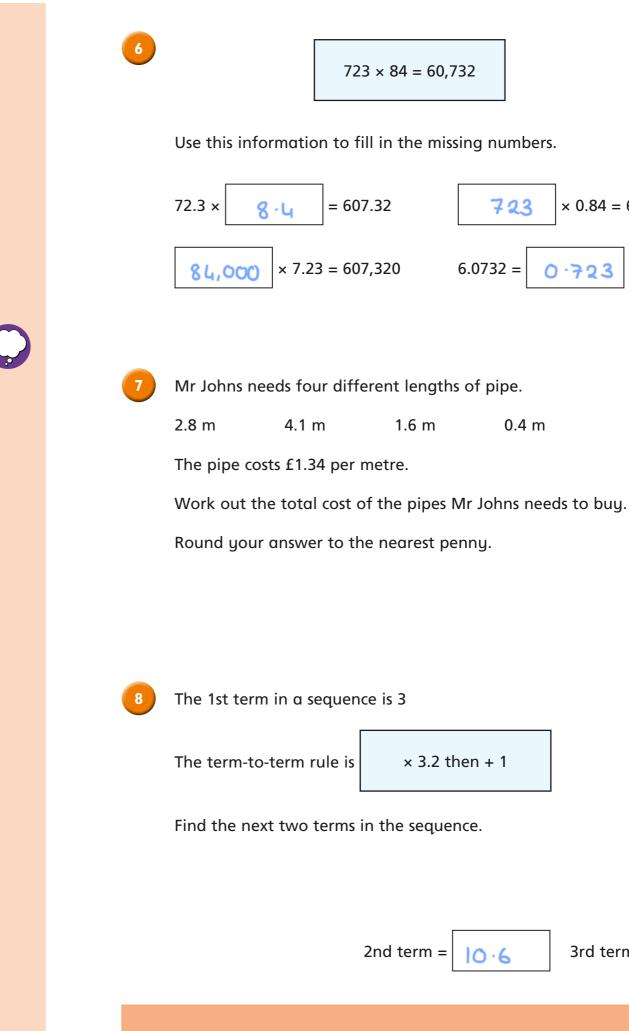


b) Work out these calculations in your head.



Estimate the answers by rounding to one significant figure. Then work out the calculations.





$$723 \times 0.84 = 607.32$$

$$6.0732 = 0.723 \times 8.4$$

0.4 m

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10.6	3rd term = 34.92	

