Arithmetic Practice – Set a 5 minute timer to complete the questions. If you have forgotten a method, let me know and I will create a short video to help you remember!		
A		В
	1. 18,759 + 1023 = 19,782	1. 204,679 – 25,376 = 179,303
	2. 563,300 - 13,000 = 550,300	2. £20.45 + £2.87 = £23.32
	3. 28.9 x 100 = 2,890	3. 4520 ÷ 100 = 45.2
	4. 364 x 23 = 8,372	4. 54.3 + 2.98 = 57.28
	5. 3036 ÷ 3 = 1,012	5. 756 ÷ 14 = 54
C		D
U	1. £109.66 - £99.50 = £10.16	1. $\frac{14}{15} - \frac{1}{3} = \frac{9}{15} = \frac{3}{5}$
	2. 2154 x 12 = 25,848	2. 563,300 + 13,000 = 576,300
	3. 1.56 x 1000 = 1,560	3. 1.287 + 13.09 = 14.377
	4. 943 ÷ 23 = 41	4. 9283 x 23 = 213,509
	5. $\frac{1}{2} + \frac{3}{4} = 1\frac{1}{4}$	5. 2952 ÷ 18 = 164
E		Bonus: How many ways are there of finding 5% of a number?
	1. 18,759 + 1023 = 19,782	Here is a problem to get you thinking:
	$2 \frac{6}{1} + \frac{1}{1} + \frac{1}{1} = \frac{17}{1} = 1\frac{1}{1}$	5% of 500 = 25
	8 4 16 16 16	1 – Find 10% and halve it: 500 ÷ 10 = 50 50 ÷ 2 = 25
	3. 0.605 x 100 = 60.5	2 – Find 50% and divide by 10: 500 ÷ 2 = 250 250 ÷ 10 = 25
	4. $\pounds 7.50 \times 5 = \pounds 37.50$	3 – Find 1% and multiply by 5: 500 ÷ 100 = 5 5 x 5 = 25
	5. $\frac{1}{4}$ of 672 = 168	Did you think of a different way?
		1

Lesson 1



Does it matter which measurements you know? Yes! It must be the two measurements on the perpendicular sides. The diagonal side cannot be used to find the area.

How to convert to millimetres:

- a) cm -> mm = multiply by 10
- b) m -> mm = multiply by 1000

Lesson 2



8m

Lesson 2 - Challenge

Class 6 are calculating the area of this triangle.



There are two equivalent calculations here:

There are two ways to find the base and perpendicular height of a triangle which you can see here. As long as the two measurements meet a a right angle, they can be used to find the area! They have marked the two right angles to give you a clue where the two perpendicular pair of measurements are.

All of the other methods use incorrect measurements or too many or not enough calculations!