Foundation course 2 - **Week 3**

Mixed practice questions

Grade 1, 2 and 3

Non calculator ✖ 

Pen 

Paper 

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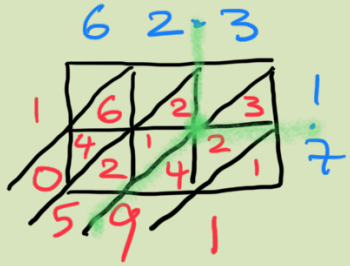
Practice questions

1 $62.3 \times 1.7 =$ 105.91

$\approx 60 \times 2 = 120$



20
17.5
15
12.5
10
7.5
5
2.5

2 $131.01 \div 3 =$ 43.67

$$3 \overline{)131.02}$$
43.67

3 $\frac{5}{8} \times 20 =$ 12.5

$\frac{5}{8}$ of 20

$20 \div 8 \times 5 = 2.5 \times 5$

$=$

4 $\frac{(50-25)}{(10 \div 2)} + (6-4)^3 =$

$\frac{25}{5} + 2^3 = \frac{25}{5} + 8 = 5 + 8 = 13$

$2 \times 2 \times 2 = 8$

B ✓
I ✓
D ✓
M
A ✓
S

Practice questions

5 *Write* 0.125 *as a fraction.*

$0.1 = \frac{1}{10}$

$0.12 = \frac{12}{100}$

$\frac{125}{1000} \xrightarrow{\div 5} \frac{25}{200} \xrightarrow{\div 5} \frac{5}{40} \xrightarrow{\div 5} \frac{1}{8}$

$\frac{1}{4} = 0.25$

$\frac{1}{8} = 0.125$

6 *Write* 6% *as a fraction and a decimal.*

$\frac{6}{100} = \frac{3}{50}$

$\rightarrow 0.06$

7 *Find* 15% *of* 80. $= 12$

10% of 80 = 8

5% of 80 = 4

15% of 80 = 12

x

$x^2 = x \times x$

8 *Work out the value of* $x^2 - 4y$ *when* $x = 3$ *and* $y = 2$

$= x \times x - 4 \times y$

$= 3 \times 3 - 4 \times 2$

$= 9 - 8 = 1$

Practice questions

9 *Convert 7.5m into centimetres.*

100 cm = 1m

$7.5 \times 100 = 750$

7m = 700cm 8m = 800cm

7.5

P *The area of the triangle and parallelogram are equal.*
Calculate the height of the triangle.

Area of a triangle = $\frac{\text{base} \times \text{height}}{2}$

$2.5 \overline{)100}$ = 40

A = base × height

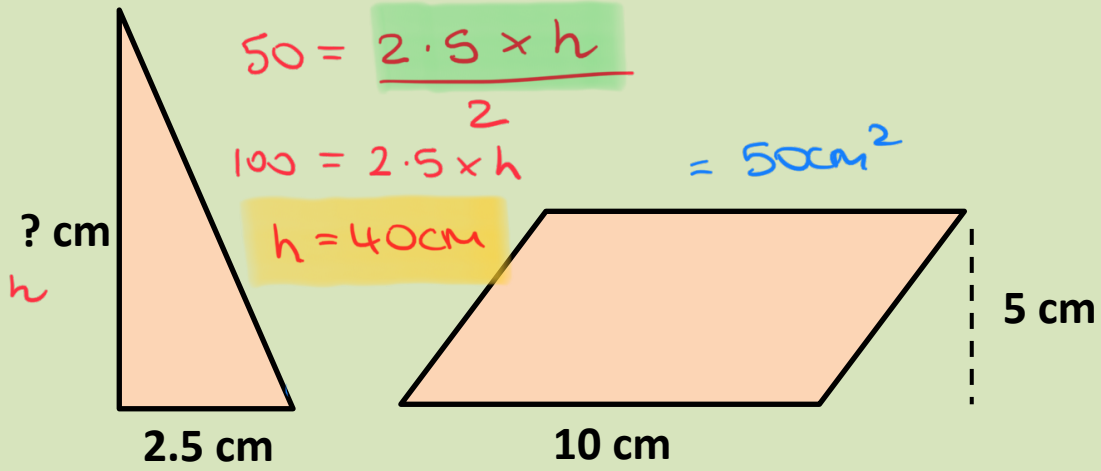
$A = 10 \times 5 = 50cm^2$

$50 = \frac{2.5 \times h}{2}$

$100 = 2.5 \times h$

$h = 40cm$

$= 50cm^2$



10
7.5
5
2.5
} 4

Foundation course 1 - **Week 3**

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