

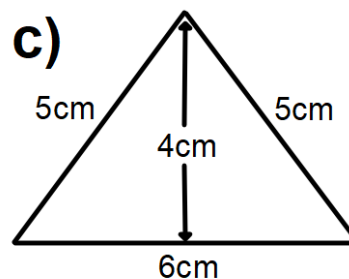
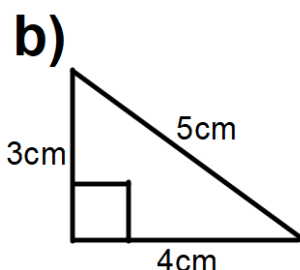
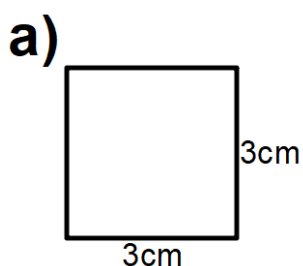
## S2 Homework 14

**No calculator allowed!!**

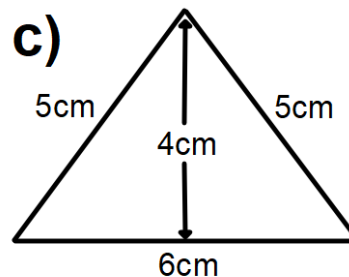
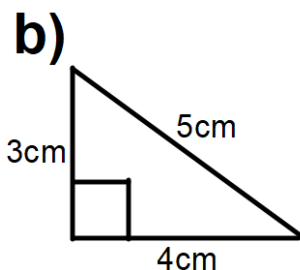
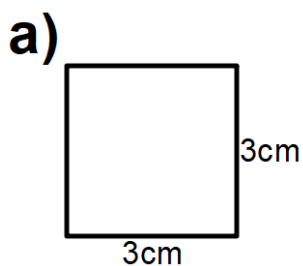
- 1)  $432 \times 40$       2)  $12.3 \times 800$       3)  $0.289 \times 500$       4)  $11.3 \times 3000$

**Revision of S1 work**

- 5) Calculate the area of these shapes: -



- 6) Calculate the perimeter of these shapes: -



- 7) Convert to cm: -

- a) 50mm    b) 5mm    c) 500mm    d) 555mm

- 8) Convert to m: -

- b) 500cm    b) 50cm    c) 555cm    d) 550cm    e) 5cm

**S2 work**

- 9) Multiply out the brackets and simplify: -

a)  $2(3x + 4) + 5x + 6$

b)  $3(4x + 5) + 2(3x + 2)$

c)  $5(3x + 2) + 3(2x - 3)$

d)  $2x + 10 + 4(3x + 5)$

10) a)  $\frac{3}{4} + \frac{2}{5}$       b)  $\frac{3}{4} - \frac{2}{5}$       c)  $\frac{3}{4} \times \frac{2}{5}$       d)  $\frac{3}{4} \div \frac{2}{5}$

11) a)  $1\frac{3}{5} + 1\frac{1}{3}$       b)  $1\frac{3}{5} - 1\frac{1}{3}$       c)  $1\frac{3}{5} \times 1\frac{1}{3}$       d)  $1\frac{3}{5} \div 1\frac{1}{3}$

### UK Junior Maths Challenge Question

Nadiya is baking a cake. The recipe says that her cake should be baked in the oven for 1 hour and 35 minutes. She puts the cake in the oven at 11:40 am. At what time should she take the cake out of the oven?

- A 12:15 pm      B 12:40 pm      C 1:05 pm      D 1:15 pm      E 2:15 pm