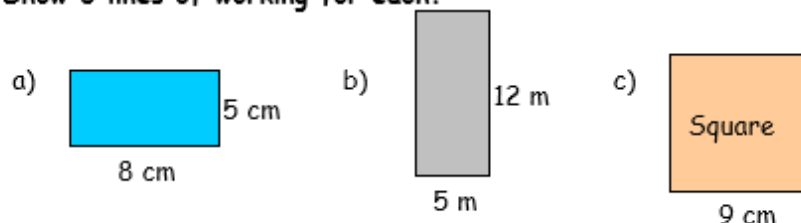


S1 (M) Maths Homework Test Revision

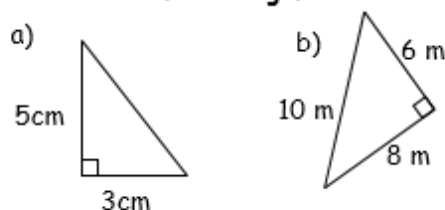
- 1) Find the area of these rectangles.

Show 3 lines of working for each.

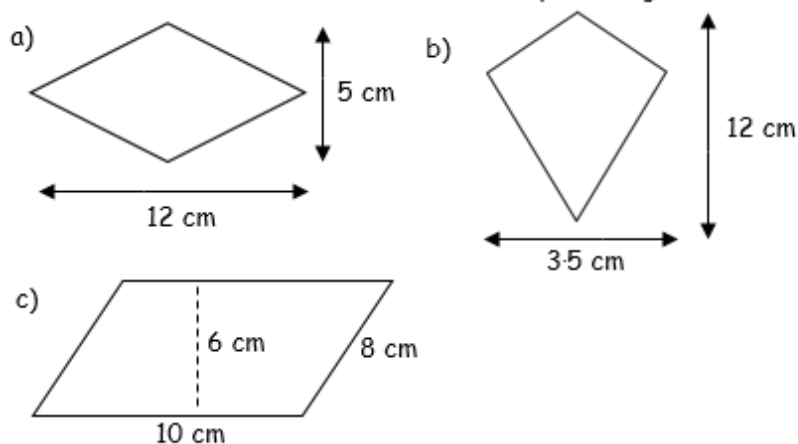


- 2) Find the area of these triangles.

Show 3 lines of working for each.



- 3) Find the area of the rhombus, kite and parallelogram below.



- 4)

- a) Find the volume of a cuboid with length 50cm, width 30cm and height 25cm.
- b) A cuboid has a volume of 30cm^3 . Its length is 5cm, its width is 2cm. Find its height.

- 5) Solve for x.

a) $5x + 7 = 32$ b) $6x - 3 = 15$ c) $10 = 3x + 1$

- 6) Solve the equations.

a) $3p - 6 = 14 + p$ b) $4(5a + 2) = 9(2a + 2)$

- 7) Jimmy leaves his house at 11 35 and arrives at his mates house at 13 15, how long did his journey take?

- 8) Sarah travels to work at an average speed of 44 mph. Her work is 33 miles from her house. How long does it take Sarah to travel to her work?

- 9) Simplify the following ratios as far as possible.

a) 16 : 4 b) 12 : 27 c) 15 : 30

d) 40 : 50 e) 60 : 80 f) 112 : 88

- 10) Evaluate.

a) 25% of £380 b) 50% of 1704 ml

- 11) Find

a) $\frac{1}{2}$ of 564 b) $\frac{1}{7}$ of 2996

c) $\frac{5}{8}$ of 1176 d) $\frac{4}{9}$ of 3168