N5 - Similar Shapes - Solutions

1. 2010 Paper 2 0.7

Volume of =
$$\frac{1600}{200}$$
 = 8

(3w)

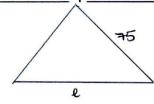
2. 2009 Paper 2 a 4

area
$$8f = (52)^2$$
= $25/4$.

(3ku)

(3RE)

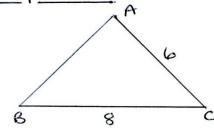
.3. 2007 Paper 1 Q.8





· The ironing board obes meet the requirements as it it local length than 80cm.

.H. 2006 Paper 2 Q.11



$$n(3+x)$$

$$PQ = \frac{(3+2) \times 8}{6}$$

$$PQ = \frac{(1+2) \times 8}{2}$$

$$PQ = 4 + 8 \times 2$$

$$PQ = (4+4 \times 3) \quad cm$$

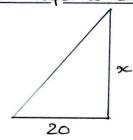
.6. 2006 Paper 1 07

(4ku)

. b. 2003 Paper 2 0.9

(3ku)

.7. 2005 Paper 2 0.5



12 (Imork prrecognising similar shapes)

$$x = 4x12$$

$$x = 48$$

(4RE)

The neight of the tower is 48 m.

.8, 1999 Paper 2 0.8

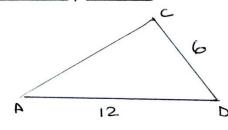
length of =
$$\frac{30}{20}$$

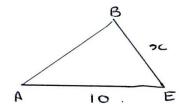
Volume = 27 x 0.8

(3ku)

Volume of jug = 2.7 libre

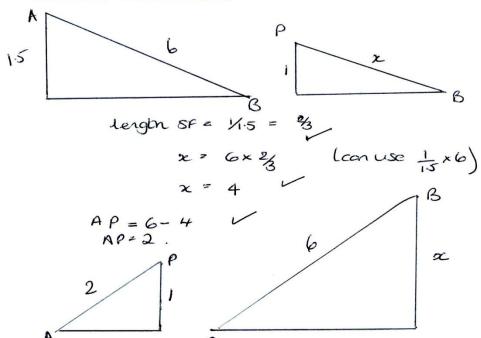
9. 1998 Paper 1 0.5





BE=5cm





length of =
$$66 = 3$$
.

 $2 = 3 \times 1 = 3$

(5RE)

The height of B above the grand is 3m

.11. 1990 Paper 1 (Ku)

rength
$$Sf = \frac{200}{100} = 1.25 \text{ or } (\frac{5}{4})$$

Volume $8f = (1.25)^3 = 1.953125 \text{ or } (\frac{125}{44}) \sim$