

## Workout

Question 1:

- (a)  $24\text{cm}^2$             (b)  $150\text{cm}^2$             (c)  $294\text{mm}^2$

Question 2:

- (a)  $76\text{cm}^2$             (b)  $86\text{cm}^2$             (c)  $810\text{cm}^2$   
(d)  $64\text{cm}^2$             (e)  $37\text{cm}^2$             (f)  $868\text{cm}^2$   
(g)  $292.2\text{cm}^2$         (h)  $484\text{mm}^2$         (i)  $34500\text{cm}^2$

Question 3:  $864\text{cm}^2$

Question 4:  $1.5\text{cm}^2$

## Apply

Question 1:  $x = 3\text{cm}$

Question 2: Cuboid B has the lowest surface area ( $440\text{cm}^2$ )

Question 3:  $600\text{cm}^2$

Question 4: He has only considered the top, front and right hand side, not the bottom, back and left hand side. So he needs to multiply his answer by 2. Also the units should be  $\text{cm}^2$

Question 5: (a)  $8\text{cm}$             (b)  $17\text{cm}$             (c)  $1.5\text{cm}$