

## E19 Blocked in

- 1 (a)  $10 \text{ cm}^3$       (b)  $13 \text{ cm}^3$       (c)  $9 \text{ cm}^3$
- 2
- |                               | (a)               | (b)               | (c)               |
|-------------------------------|-------------------|-------------------|-------------------|
| • $\text{cm}^3$ in each layer | 18                | 12                | 10                |
| • number of layers            | 2                 | 3                 | 2                 |
| • volume                      | $36 \text{ cm}^3$ | $36 \text{ cm}^3$ | $20 \text{ cm}^3$ |
- 3 (a)  $32 \text{ cm}^3$       (b)  $28 \text{ cm}^3$       (c)  $45 \text{ cm}^3$   
(d)  $24 \text{ cm}^3$       (e)  $48 \text{ cm}^3$       (f)  $36 \text{ cm}^3$

## E20 Superfit

- 1 (a) about 10 cm      (b) about 150 cm      (c) about 90 cm
- 2 (a) helmet 45 cm  
(b) shirt 35 cm  
(c) jacket 90 cm  
(d) trousers – waist 75 cm  
– leg 80 cm
- 3 Superhero is 150 cm tall.  
Answer depends on height of child.
- 4 Mog's collar is 27.5 cm long.  
Answer depends on size of child's neck.
- 5 12 miles.