

## Kilograms and Kilometres

1. A and G; B and H; C and F; D and E
2. 3,020 m; 3,200 m; 3,500 m
3.  $2\frac{1}{2}$  km or 2.5 km
4. The statement is incorrect. Half of 9,000 m is 4,500 m. This is equal to  $4\frac{1}{2}$  km. The correct statement is below.

The diagram shows three green rounded rectangular boxes arranged horizontally. The first box contains the text " $\frac{1}{2}$  of 9,000 m". To its right is a greater-than sign (>). The second box contains the text "4,250 m". To its right is a less-than sign (<). The third box contains the text " $4\frac{1}{2}$  m".

5. Sean is incorrect. Half a kilometre is equal to 500 metres.  $5,750 - 500 = 5,250$  metres. So Sean ran 5,250 metres. This is not equal to  $5\frac{1}{2}$  km (5,500 m).
6. Various answers, for example:  
 $1,500 \text{ m} + 2,000 \text{ m} + 3 \text{ km} = 6,500 \text{ m}$  or  $6\frac{1}{2}$  km  
 $3 \text{ km} + 2\frac{1}{2} \text{ km} + 1,500 \text{ m} = 7,000 \text{ m}$  or 7 km  
 $3 \text{ km} + 2\frac{1}{2} \text{ km} + 750 \text{ m} = 6,250 \text{ m}$