

- 22 (a)** A train to town  $P$  leaves a station every 20 minutes.  
A train to town  $Q$  leaves the same station every 35 minutes.  
Both trains leave at 09 30.

Find the next time both trains leave together.

..... [3]

- (b)** The distance,  $d$  km, between town  $P$  and town  $Q$  is 97 km, correct to the nearest kilometre.

Complete the statement about the value of  $d$ .

.....  $\leq d <$  ..... [2]

**23** Calculate  $\frac{4.6 \times 10^3}{1.84 \times 10^5}$ .

Give your answer in standard form.

..... [2]