1   A company employed 300 workers when it started and now employs 852 workers.

   **(a)** Calculate the percentage increase in the number of workers.

   ................................................. %  [2]

   **(b)** Of the 852 workers, the ratio   part-time workers : full-time workers $= 5 : 7$.

   Calculate the number of full-time workers.

   .................................................  [2]

   **(c)** The company makes 40 600 headphones in one year.

   Write this number

   **(i)** in words,

   .......................................................................................  [1]

   **(ii)** in standard form.

   .................................................  [1]

   **(d)** In one month, the company sells 3 000 headphones.
   Of these, 48% are exported, $\frac{3}{8}$ are sold to shops and the rest are sold online.

   Calculate the number of headphones that are sold online.

   .................................................  [3]

**(e)** One year, sales increased by 15%.
The following year sales increased by 18%.

Calculate the overall percentage increase in sales.

.............................................. % [3]