

2. A company runs three theme parks,  $A$  (Aztec Adventureland),  $B$  (Babylonian Towers) and  $C$  (Carthaginian Kingdom).

It is known that park  $A$  makes a profit of £30 per visitor, park  $B$  makes a profit of £26 per visitor and park  $C$  makes a profit of £33 per visitor.

In 2017 the Aztec Adventureland park was upgraded, which took one year to carry out. During 2017

- park  $A$  had only 50% of the number of visitors it had in 2016
- park  $B$  had 25% more than the number of visitors it had in 2016
- park  $C$  had 15% more than the number of visitors it had in 2016

In total 1 350 000 people visited the three theme parks during 2017.

The company made a total profit from the parks of £39.15 million in 2016. The profits dropped by 1% for 2017.

Form and solve a matrix equation to find, to 2 significant figures, the number of visitors for each of the theme parks in 2016.