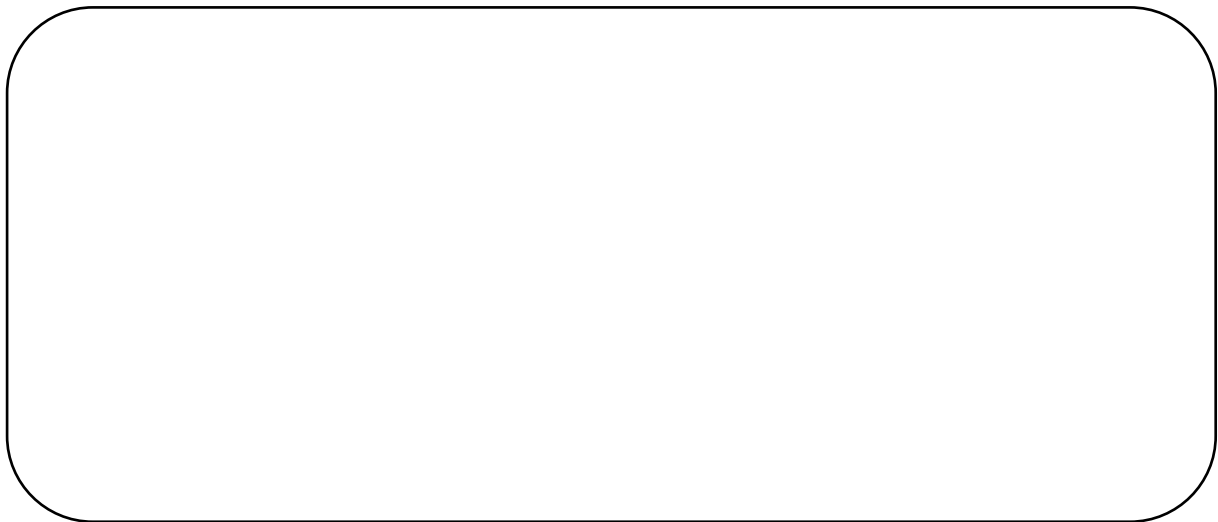


Functional Skills Maths Level 2 | Percentage Increase and Decrease

1. Last year 77 learners studied accountancy at a college.

This year 33 more learners than last year studied accountancy.

By what percentage has the number of learners increased?



2. Chris is checking his social media.

He has this data about the number of likes on his posts.

In April he had 2790 likes.

In May he had 3519 likes.

Calculate the percentage increase in the number of likes for Chris.

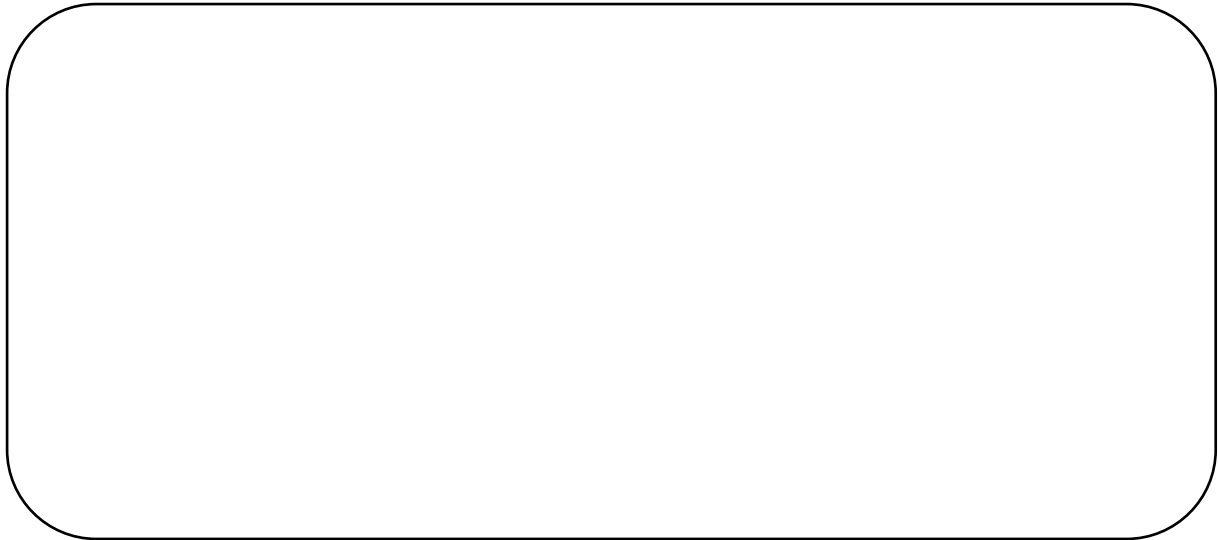


3. A train company stated:

‘In January we had 358,000 passengers.’

This was 8% less than the number of customers they had in the previous month.

How many passengers did they have in the previous month?



4. Maki works for a supermarket.

Her usual pay is £9.40 per hour.

She works 25 hours per week.

Maki is getting a pay rise of 15%

Maki thinks this will be more than £35 per week for her.

Is Maki correct?

Show why you think this.

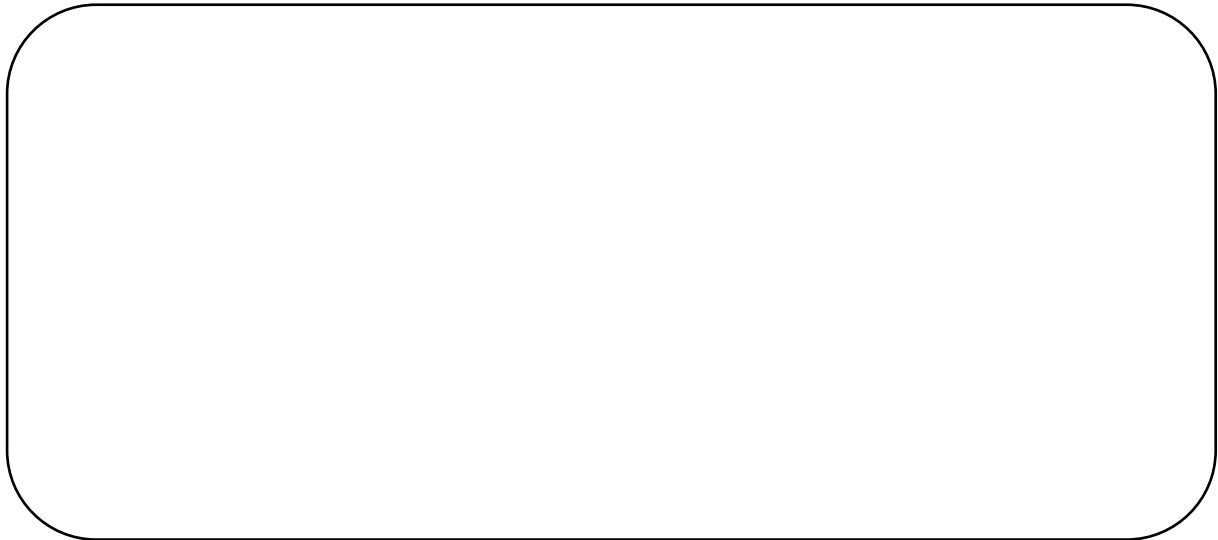


5. An amusement park has two hundred and eighty thousand, six hundred and eighty six visitors in June.

This is an increase of five percent from May.

Entry tickets cost £55.

How much more money did the amusement park make in June compared to May?

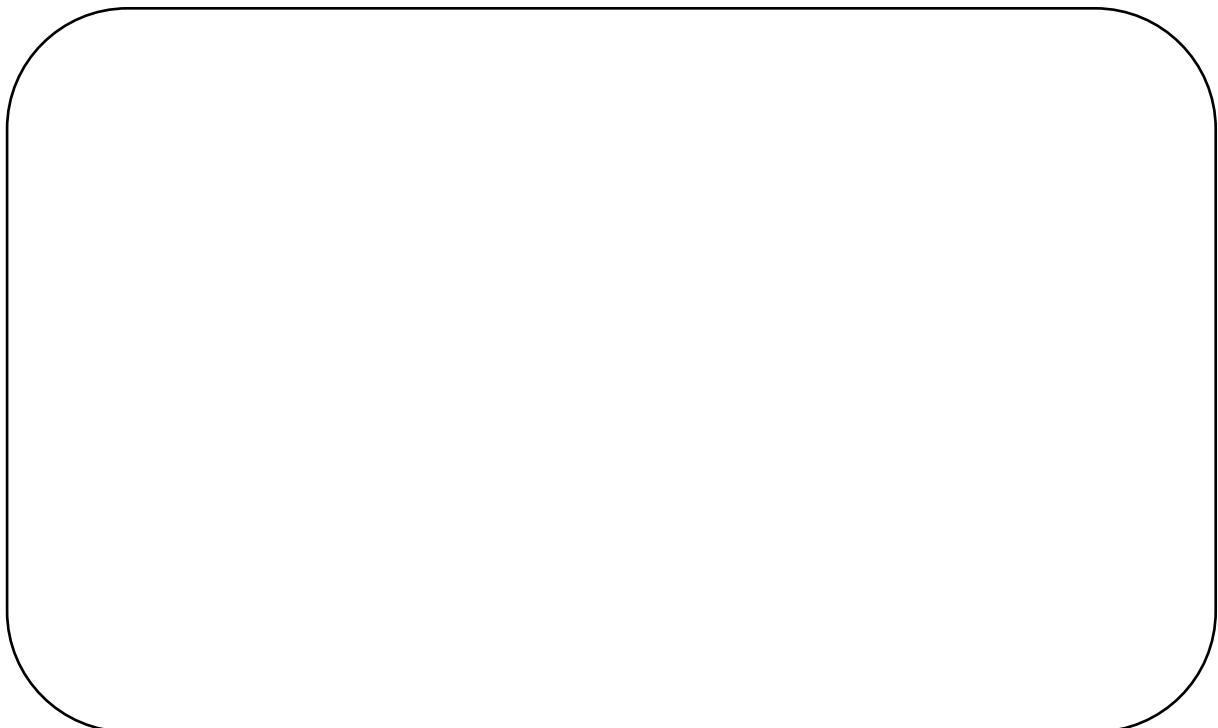


6. Sam makes and sells friendship bracelets.

Last year they sold 251 bracelets and made £1694.25.

This year they want to increase the price of each bracelet by 12%.

How much will each individual bracelet cost to buy?



ANSWERS

1. 42.86% or 43%

2. 26.13% or 26%

3. 386,640

4. Yes and £270.35 vs £235

5. $13,366 \times 55 = £735,130$

6. £7.56