

# Addition and Subtraction

## Challenge Cards



### Addition and Subtraction

Choose whether to solve these questions mentally or using a written method.

$$45 + 46 =$$

$$1394 + 2847 =$$

$$360 + 420 =$$

$$384 + 875 =$$

$$59 + 65 =$$

$$149 + 342 =$$

$$1399 + 678 =$$

$$2634 + 484 =$$

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### Addition and Subtraction

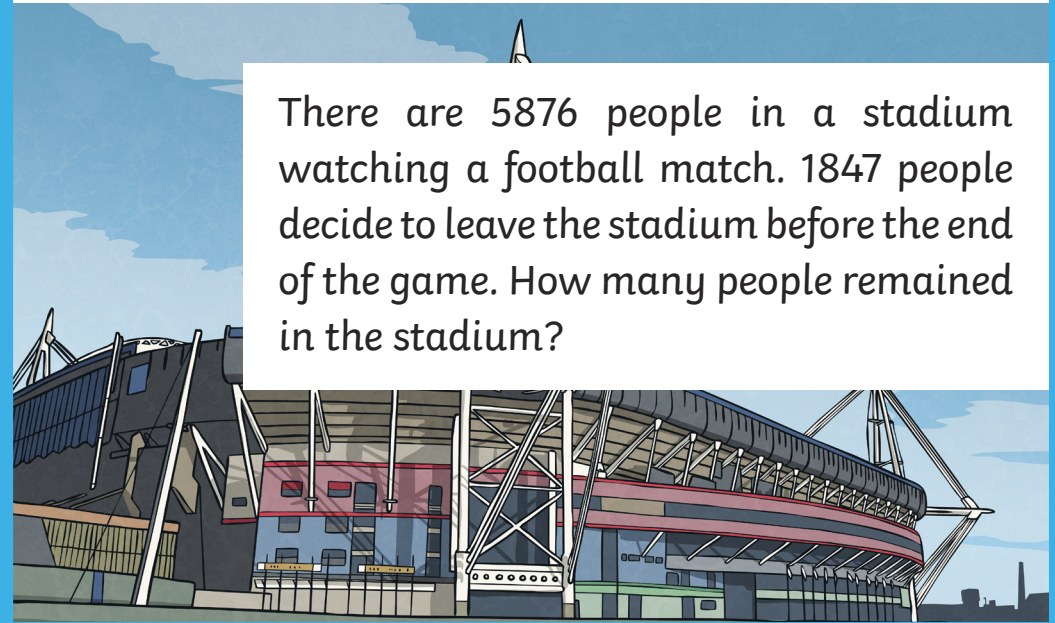
A toy brand sells 1474 dolls on a Saturday. On Sunday it sells 867 fewer dolls. How many dolls are sold at the weekend in total?



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### Addition and Subtraction

There are 5876 people in a stadium watching a football match. 1847 people decide to leave the stadium before the end of the game. How many people remained in the stadium?

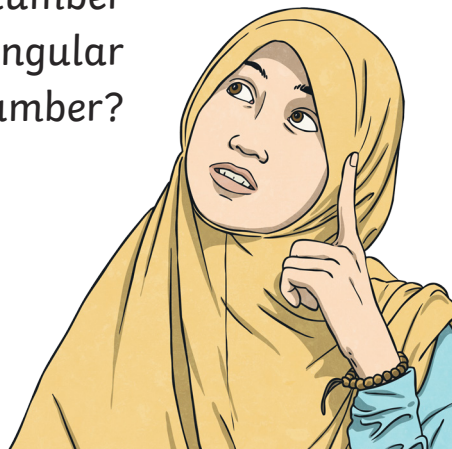


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Addition and Subtraction

$$\boxed{\phantom{0000}} - 333 = 5\_7$$

What is the largest possible number that could go in the rectangular box? What is the smallest number? Explain your reasoning.



Addition and Subtraction

The answer is 569. What could the question be?



Addition and Subtraction

The answer is 1693. What could the question be?



Addition and Subtraction

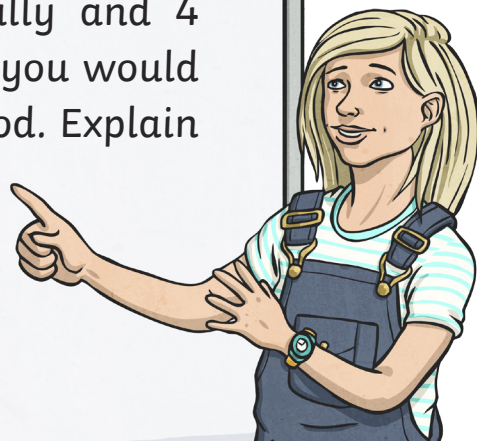


The car journey from Dundee to Paris is 1223km. If I travelled 483km before stopping for a break and then travelled a further 84km, how many kilometres are left of my journey?



## Addition and Subtraction

Write 4 calculations that you would solve mentally and 4 calculations where you would use a column method. Explain your reasoning.



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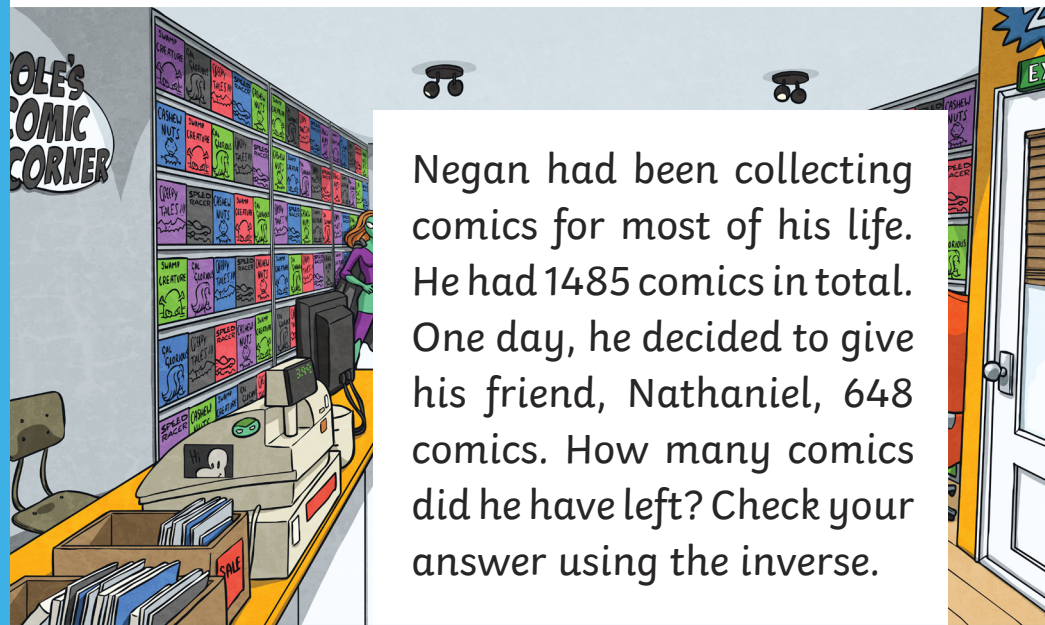
## Addition and Subtraction



Mahir has 583 football cards, Brandon has 482 football cards. How many football cards do they have altogether? Check your answer using the inverse.

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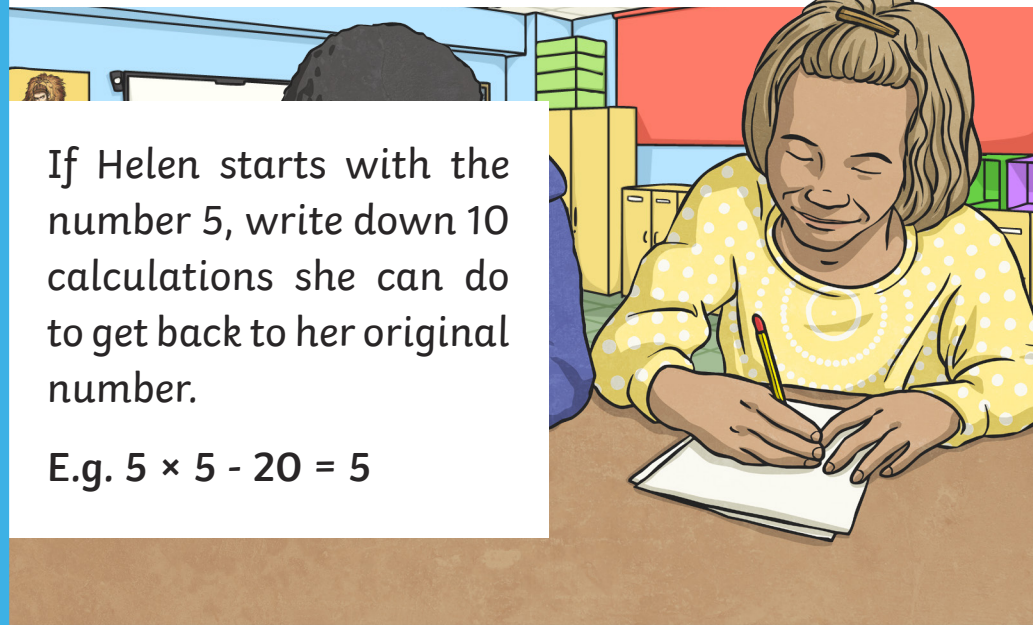
## Addition and Subtraction



Negan had been collecting comics for most of his life. He had 1485 comics in total. One day, he decided to give his friend, Nathaniel, 648 comics. How many comics did he have left? Check your answer using the inverse.

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## Addition and Subtraction



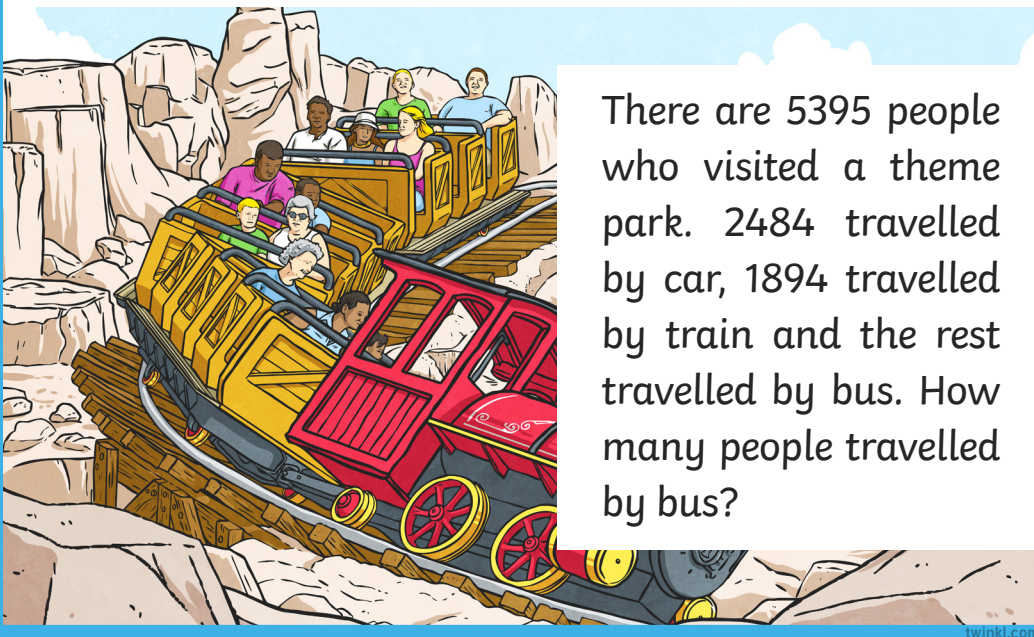
If Helen starts with the number 5, write down 10 calculations she can do to get back to her original number.

E.g.  $5 \times 5 - 20 = 5$

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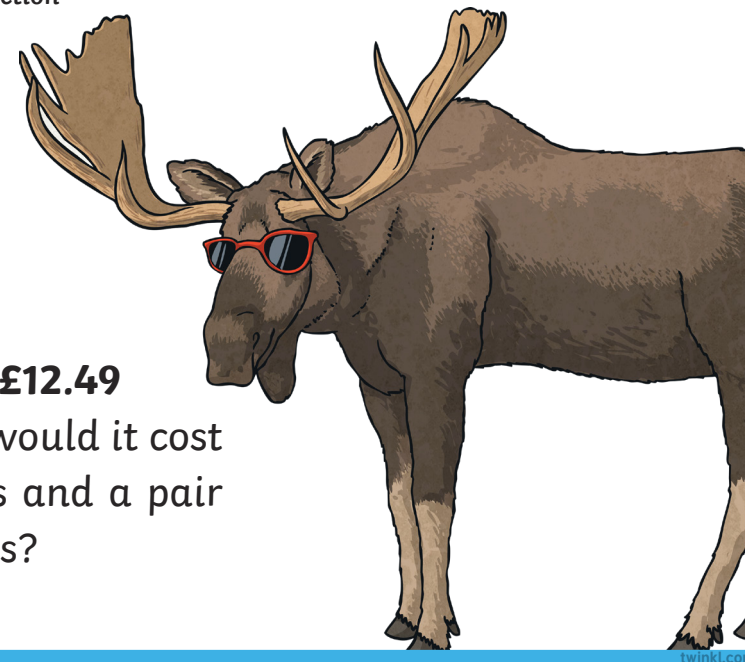


### Addition and Subtraction



There are 5395 people who visited a theme park. 2484 travelled by car, 1894 travelled by train and the rest travelled by bus. How many people travelled by bus?

### Addition and Subtraction



Hat: **£7.65**

Sunglasses: **£12.49**

How much would it cost for two hats and a pair of sunglasses?

### Addition and Subtraction

#### Ice cream

1 scoop: **£0.65**    2 scoops: **£1.20**

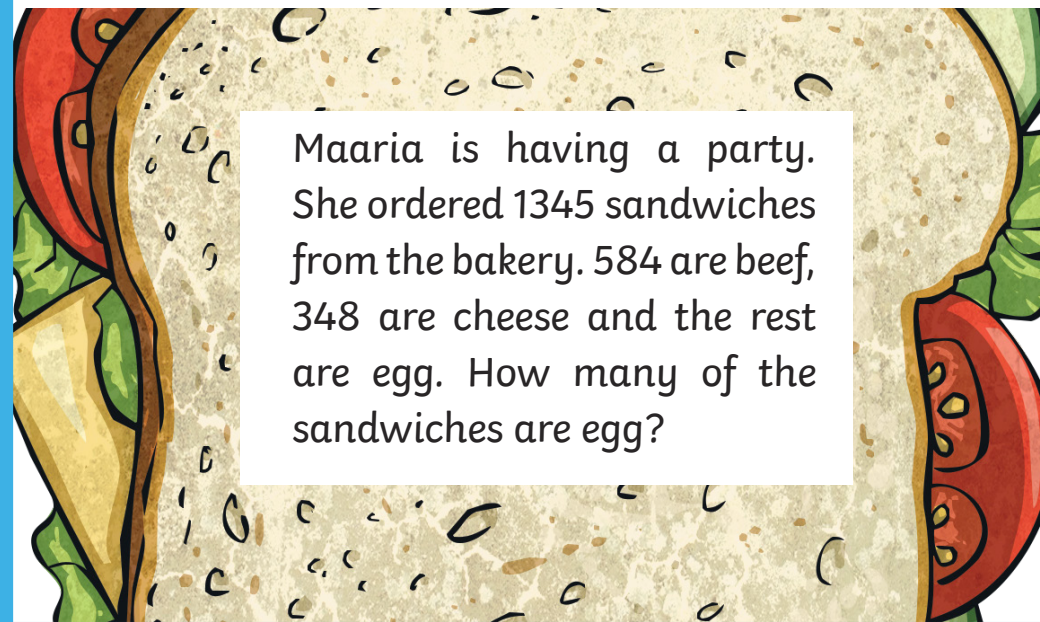
3 scoops: **£1.60**    Flake: **£0.60**

Sauce **£0.15**

Amir has £5.00. He wants 3 scoops of ice cream, a flake and sauce. How much change will he receive?



### Addition and Subtraction



Maaria is having a party. She ordered 1345 sandwiches from the bakery. 584 are beef, 348 are cheese and the rest are egg. How many of the sandwiches are egg?

Addition and Subtraction

Complete the calculation.

$$\begin{array}{r} 5747 \\ - 3593 \\ \hline \\ \hline \end{array}$$

# Addition and Subtraction Challenge Cards **Answers**

<p>1. Choose whether to solve these questions mentally or using a written method.</p> <p> <math>45 + 46 = 91</math>                      <math>1394 + 2847 = 4241</math>  <math>360 + 420 = 780</math>                      <math>384 + 875 = 1259</math>  <math>59 + 65 = 124</math>                      <math>149 + 342 = 491</math>  <math>1399 + 678 = 2077</math>                      <math>2634 + 484 = 3118</math> </p>	<p>2. A toy brand sells 1474 dolls on a Saturday. On Sunday it sells 867 fewer dolls. How many dolls are sold at the weekend in total?</p> <p><b>2081 dolls</b></p>
<p>3. There are 5876 people in a stadium watching a football match. 1847 people decide to leave the stadium before the end of the game. How many people remained in the stadium?</p> <p><b>4029 people</b></p>	<p>4. _____ - 333 = 5_7</p> <p>What is the largest possible number that could go in the rectangular box? What is the smallest number? Explain your reasoning.</p> <p><b>Largest: 930</b> <b>Smallest: 840</b></p>
<p>5. The answer is 569. What could the question be?</p> <p><b>Various answers</b></p>	<p>6. The answer is 1693. What could the question be?</p> <p><b>Various answers</b></p>
<p>7. The car journey from Dundee to Paris is 1223km. If I travelled 483km before stopping for a break and then travelled a further 84km, how many kilometres are left of my journey?</p> <p><b>656 kilometres</b></p>	<p>8. Write 4 calculations that you would solve mentally and 4 calculations where you would use a column method. Explain your reasoning.</p> <p><b>Various answers</b></p>

<p>9. Mahir has 583 football cards, Brandon has 482 football cards. How many football cards do they have altogether? Check your answer using the inverse.</p> <p><math>583 + 482 = 1065</math></p> <p><math>1065 - 482 = 583</math></p> <p><math>1065 - 583 = 482</math></p>	<p>10. Negan had been collecting comics for most of his life. He had 1485 comics in total. One day, he decided to give his friend, Nathaniel, 648 comics. How many comics did he have left? Check your answer using the inverse.</p> <p><math>1485 - 648 = 837</math></p> <p><math>837 + 648 = 1485</math></p>
<p>11. If Helen starts with the number 5, write down 10 calculations she can do to get back to her original number.</p> <p>E.g. <math>5 \times 5 - 20 = 5</math></p> <p><i>Various answers</i></p>	<p>12. There are 5395 people who visited a theme park. 2484 travelled by car, 1894 travelled by train and the rest travelled by bus. How many people travelled by bus?</p> <p><i>1017 people</i></p>
<p>13. Hat: £7.65 Sunglasses: £12.49 How much would it cost for 2 hats and a pair of sunglasses?</p> <p><i>£27.79</i></p>	<p>14. Ice cream 1 scoop: £0.65    2 scoops: £1.20 3 scoops: £1.60    Flake: £0.60 Sauce £0.15 Amir has £5.00. He wants 3 scoops of ice cream, a flake and sauce. How much change will he receive?</p> <p><i>£2.65</i></p>
<p>15. Maaria is having a party. She ordered 1345 sandwiches from the bakery. 584 are beef, 348 are cheese and the rest are egg. How many of the sandwiches are egg?</p> <p><i>413 egg sandwiches</i></p>	<p>16. Complete the calculation.</p> $\begin{array}{r} 5747 \\ - 3593 \\ \hline 2154 \end{array}$