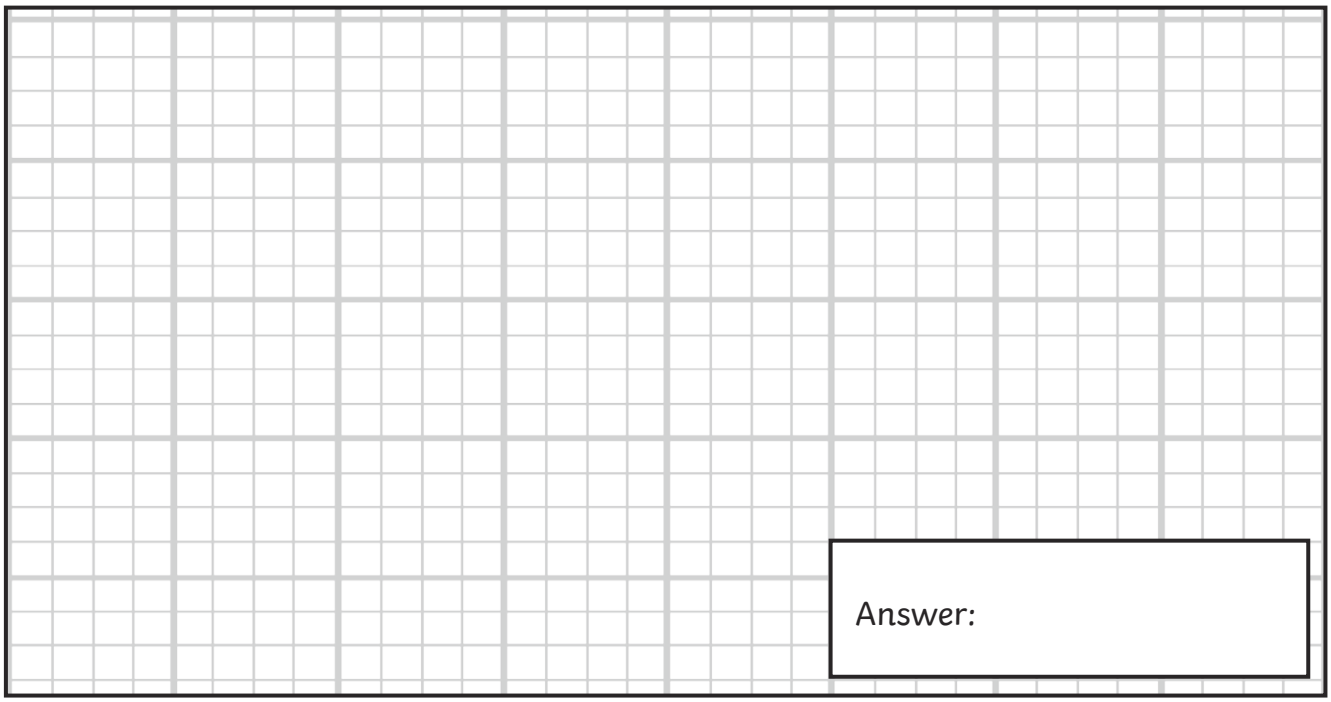
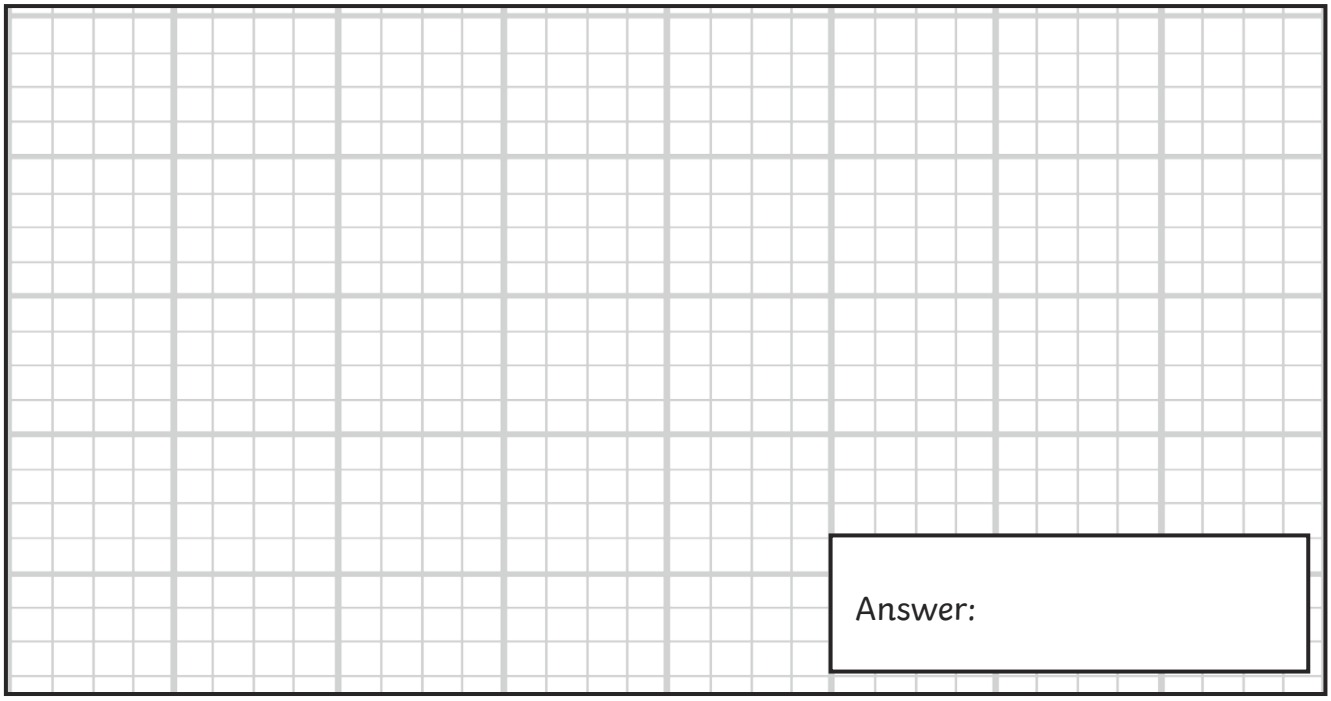
Addition and Subtraction Word Problems

Answer the questions below. Show your working out inside the squared boxes and write your answers in the answer boxes provided.

1. In a library there are 9854 books. There are 1248 children's books and 642 teenage books; the rest are adult books. How many books are adult books?



2. At a pop concert, there are 8472 people. During the interval, 528 people leave. Another 1248 leave before the final song. How many people are left after the final song?



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3. In one primary school, the children are collecting supermarket tokens to buy new sports equipment. The junior classes have collected 3873 tokens and the infants have collected 2651 tokens. They need 9545 tokens to get the new sports equipment. How many more vouchers do they need?

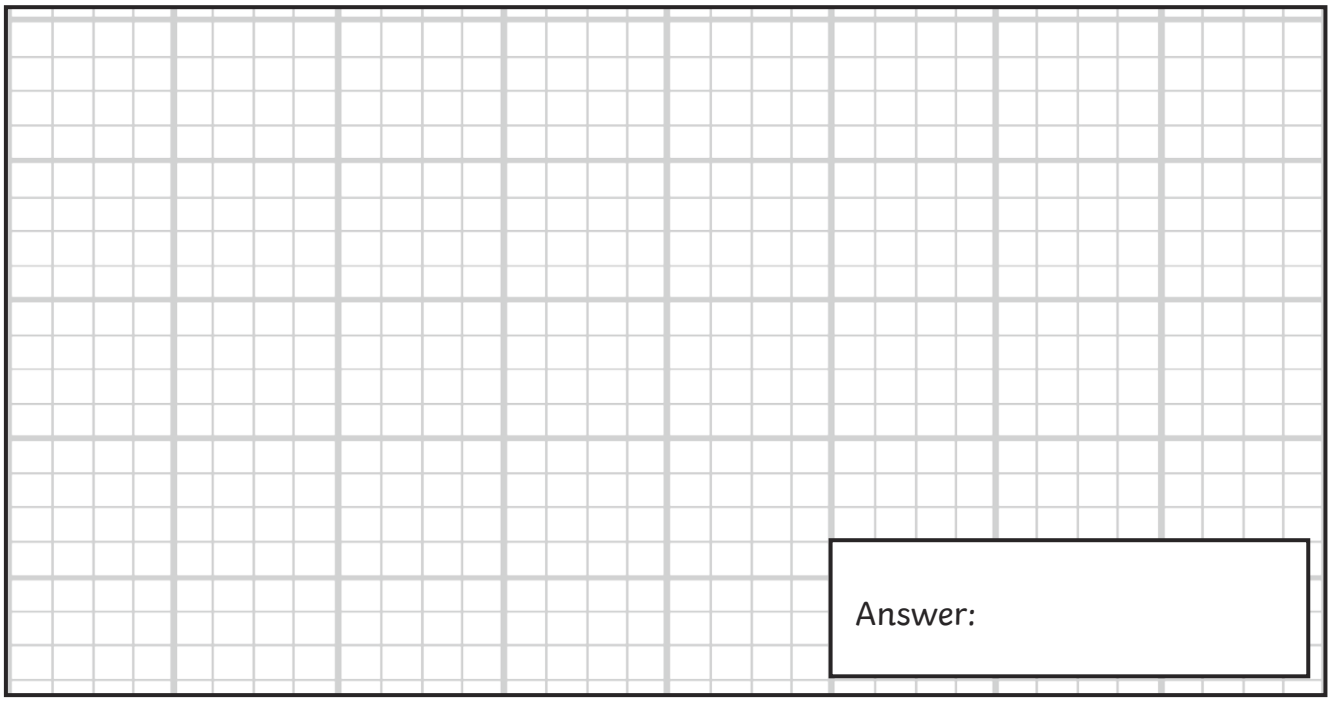
Answer:

4. Mrs Malone has gone shopping in the sales. She sees a coat which should cost £39.27 but is reduced by £11.32. She also sees a pair of shoes that should cost £62.23 but is reduced by £21.36. What is the total price for the coat and shoes?

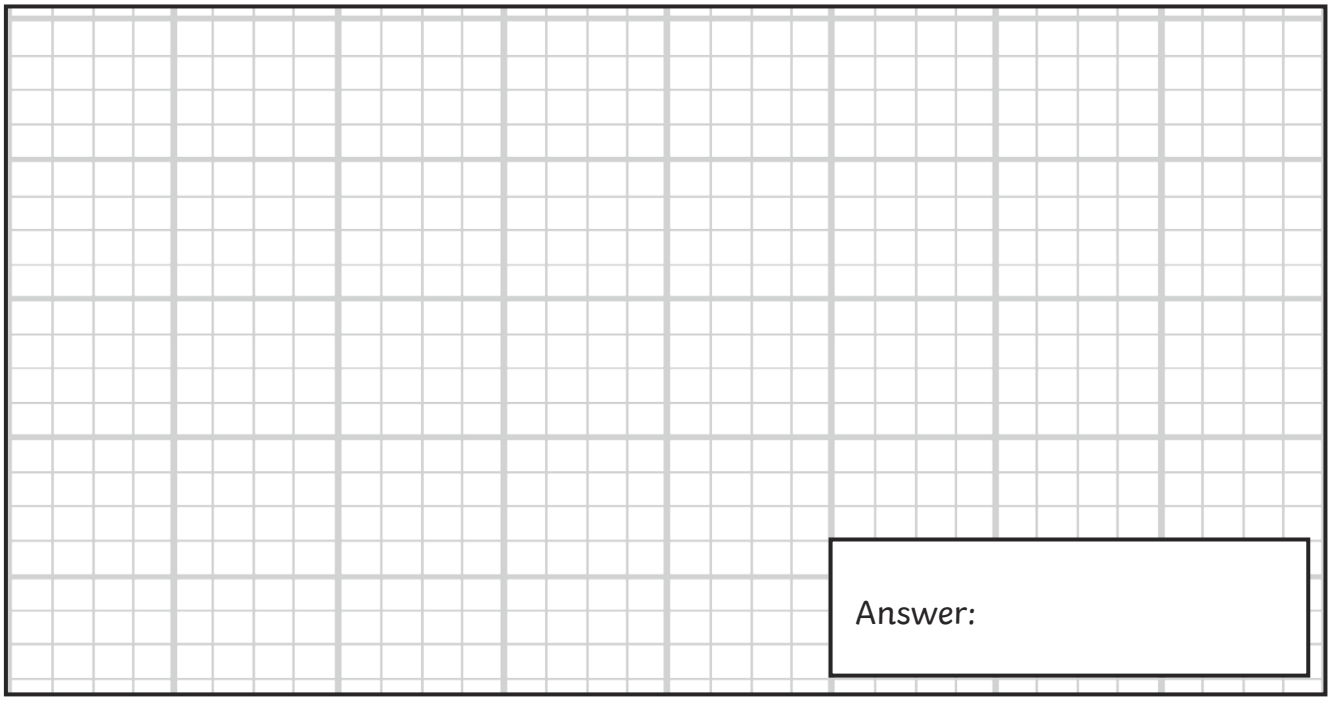
Answer:

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5. On an aeroplane, the total weight of luggage is 1247kg. The total weight of the passengers is 5478kg. The total weight allowed on the plane is 8647kg. How much more weight could you put on the plane to reach the total weight?



6. Winona the Witch is buying new broomsticks for her children. She buys a 'Sky-Dragon' for 2468 magic coins and a 'Cloud-Skimmer' for 3792 magic coins. She had 7823 magic coins in her purse. How may coins does she have left?



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7. On an isosceles triangle, two sides each measure 3248mm.
   The total perimeter is 8127mm. What is the length of the third side?

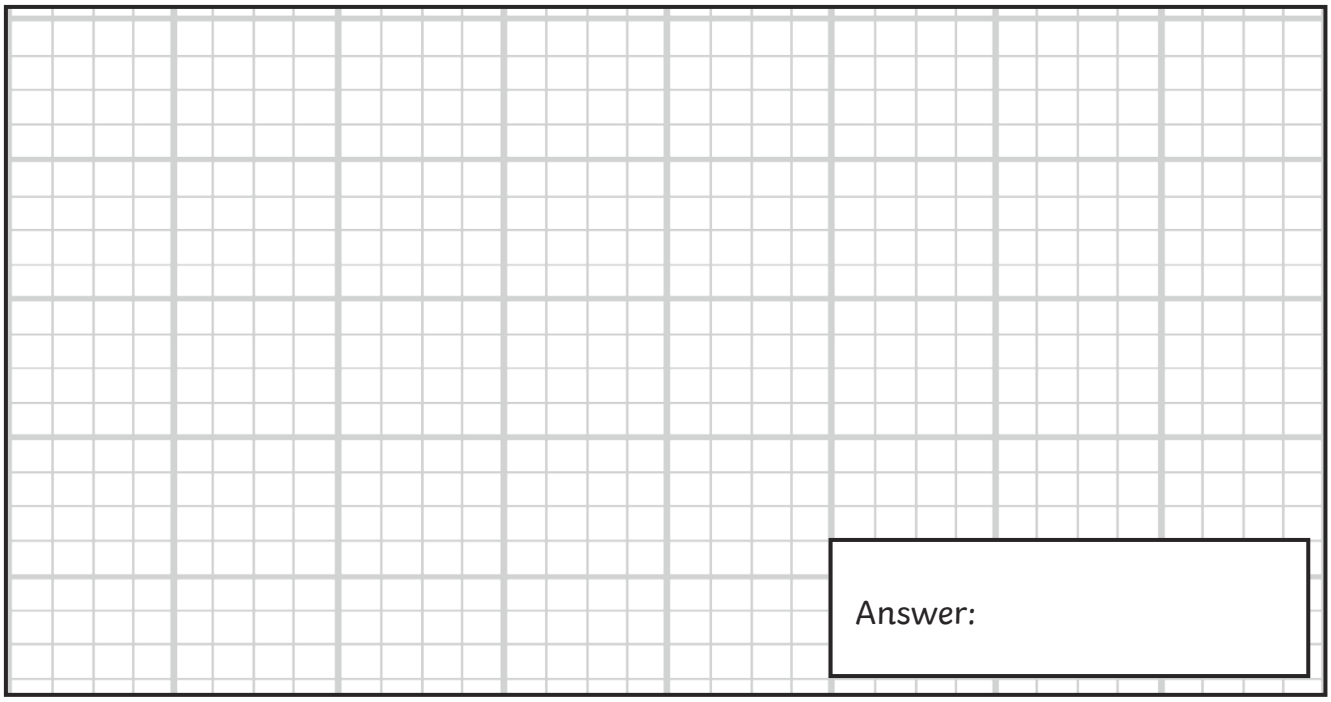
Answer:

8. In a biscuit factory, they make 1286 chocolate biscuits on Monday and 1749 chocolate biscuits on Tuesday. They need to make 6448 in total by Friday to reach their target. How many more biscuits do they need to make in order to reach their target?

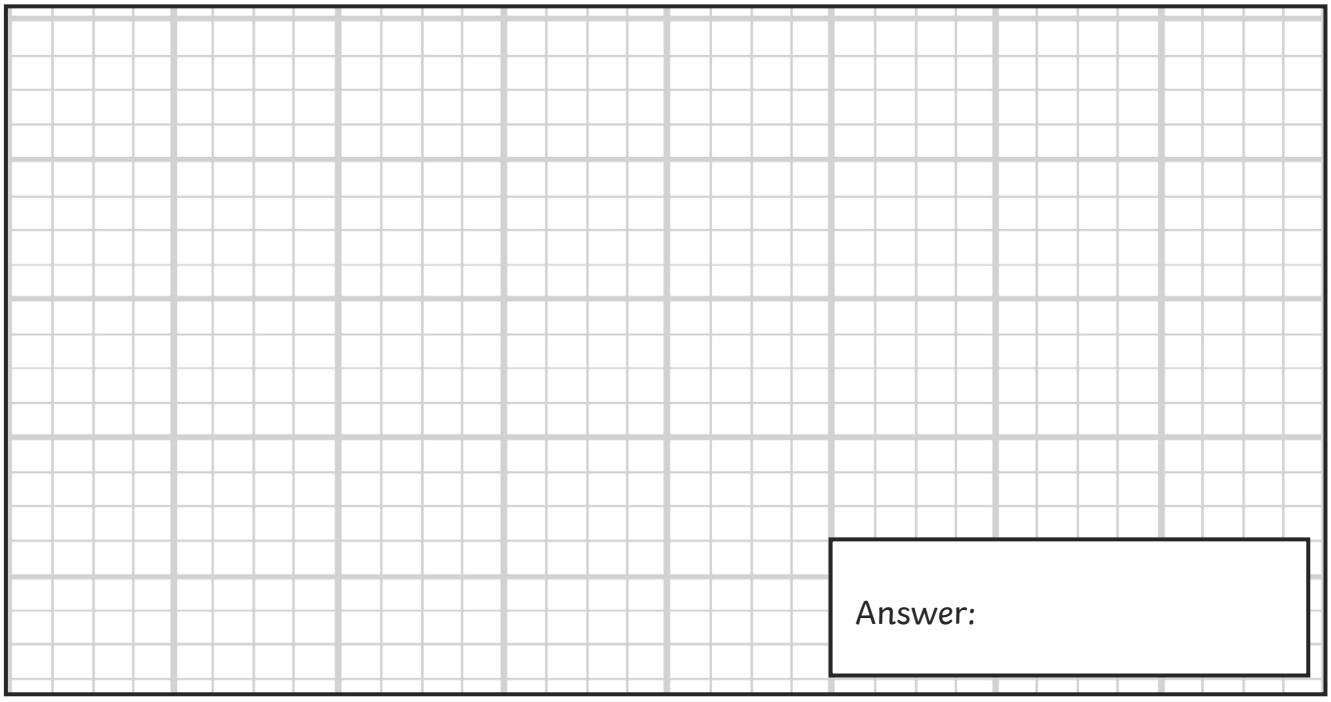
Answer:

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9. Jermaine spends £97.36 in a shop. He buys trainers for £45.38, a T-shirt for £19.71 and a pair of jeans. How much do the jeans cost?



10. At 'Dinosaur Land Theme Park', there are 2348 visitors on Monday and 1678 visitors on Tuesday. On Wednesday, there are 2371 fewer visitors than Monday and Tuesday combined. How many visitors were there on Wednesday?



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Addition and Subtraction Word Problems Answers

Answer the questions below. Show your workings out inside the squared boxes and write your answers in the answer boxes provided.

1. In a library there are 9854 books. There are 1248 children's books and 642 teenage books; the rest are adult books. How many books are adult books?

1248 + 642 = 1890

9854 - 1890 = 7964

$$\begin{array}{r} 1\,2\,4\,8 \\ +\quad 6\,4\,2 \\ \hline 1\,8\,9\,0 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 8\ {}^{1}7 \\ \not{9}\ \not{8}\ {}^{1}5\ 4 \\ -\ 1\ 8\ 9\ 0 \\ \hline 7\ 9\ 6\ 4 \end{array}$$

Answer: 7964 adult books

2. At a pop concert, there are 8472 people. During the interval, 528 people leave. Another 1248 leave before the final song. How many people are left after the final song?

1248 + 528 = 1776

8472 - 1776 = 6696

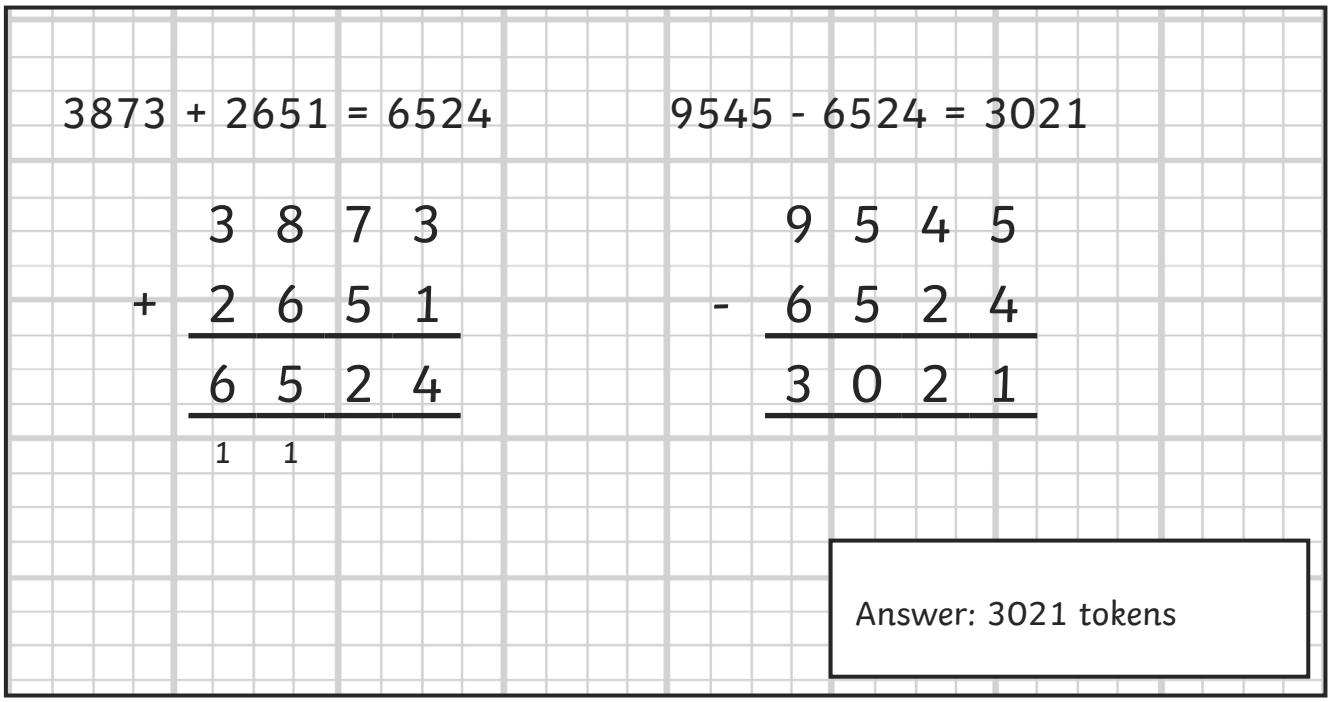
$$\begin{array}{r} 1\,2\,4\,8 \\ +\quad 5\,2\,8 \\ \hline 1\,7\,7\,6 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 7\ {}^{1}3\ {}^{1}6 \\ \not{8}\ \not{4}\ \not{7}\ {}^{1}2 \\ -\ 1\ 7\ 7\ 6 \\ \hline 6\ 6\ 9\ 6 \end{array}$$

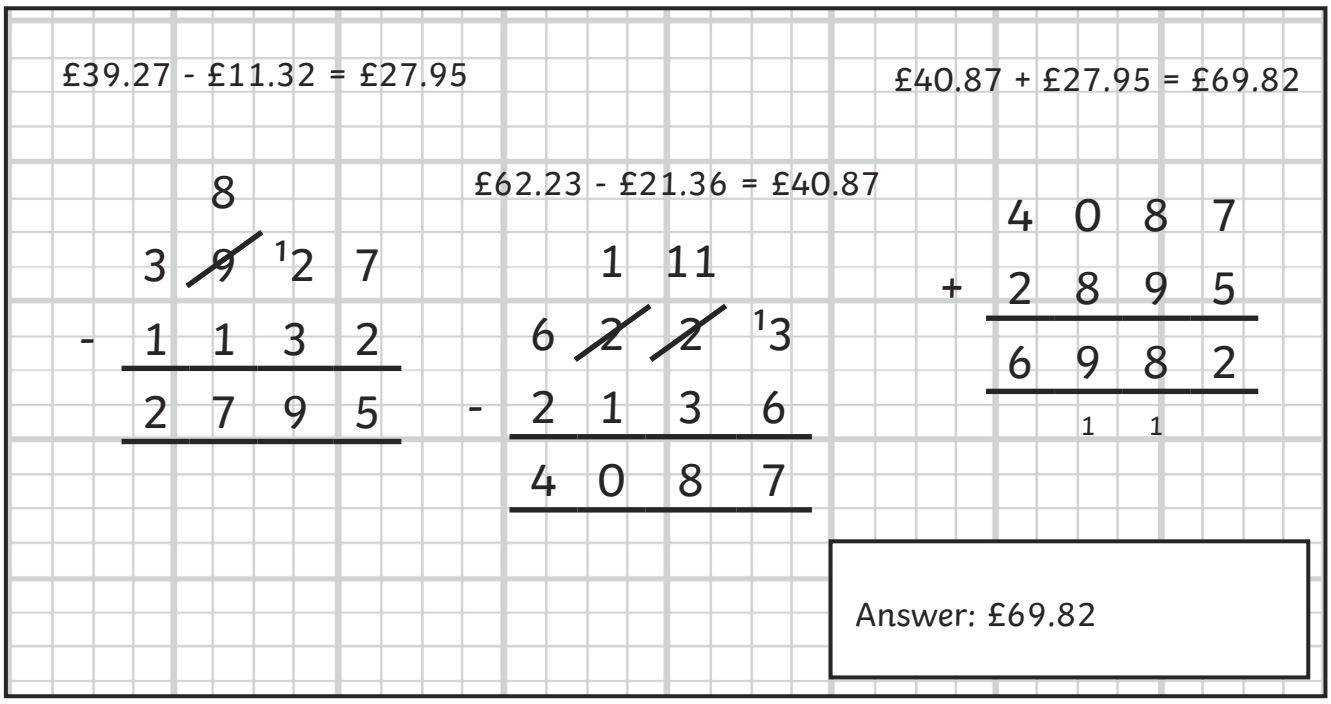
Answer: 6696 people

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3. In one primary school, the children are collecting supermarket tokens to buy new sports equipment. The junior classes have collected 3873 tokens and the infants have collected 2651 tokens. They need 9545 tokens to get the new sports equipment. How many more vouchers do they need?



4. Mrs Malone has gone shopping in the sales. She sees a coat which should cost £39.27 but is reduced by £11.32. She also sees a pair of shoes that should cost £62.23 but is reduced by £21.36. What is the total price for the coat and shoes?



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5. On an aeroplane, the total weight of luggage is 1247kg. The total weight of the passengers is 5478kg. The total weight allowed on the plane is 8647kg.
How much more weight could you put on the plane to reach the total weight?

5478 + 1247 = 6725

$$\begin{array}{r} 5\,4\,7\,8 \\ +\ 1\,2\,4\,7 \\ \hline 6\,7\,2\,5 \\ \,1\;\;1 \end{array}$$

8647 - 6725 = 1922kg

$$\begin{array}{r} \,7 \\ \,\cancel{8}\,{}^{1}6\,4\,7 \\ -\ 6\,7\,2\,5 \\ \hline 1\,9\,2\,2 \end{array}$$

Answer: 1922kg

6. Winona the Witch is buying new broomsticks for her children. She buys a 'Sky-Dragon' for 2468 magic coins and a 'Cloud-Skimmer' for 3792 magic coins. She had 7823 magic coins in her purse. How may coins does she have left?

2468 + 3792 = 6260

$$\begin{array}{r} 2\,4\,6\,8 \\ +\ 3\,7\,9\,2 \\ \hline 6\,2\,6\,0 \\ 1\;\;1\;\;1 \end{array}$$

7823 - 6260 = 1563

$$\begin{array}{r} \,7 \\ 7\,\cancel{8}\,{}^{1}2\,3 \\ -\ 6\,2\,6\,0 \\ \hline 1\,5\,6\,3 \end{array}$$

Answer: 1563 coins

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7. On an isosceles triangle, two sides each measure 3248mm.
The total perimeter is 8127mm. What is the length of the third side?

3248 + 3248 = 6496

$$\begin{array}{r} 3248 \\ +\ 3248 \\ \hline 6496 \\ \scriptstyle 1 \end{array}$$

8127 - 6496 = 1631

$$\begin{array}{r} 7\ {}^{1}0 \\ \cancel{8}\ \cancel{1}\ {}^{1}2\ 7 \\ -\ 6\ 4\ 9\ 6 \\ \hline 1\ 6\ 3\ 1 \end{array}$$

Answer: 1631mm

8. In a biscuit factory, they make 1286 chocolate biscuits on Monday and 1749 chocolate biscuits on Tuesday. They need to make 6448 in total by Friday to reach their target.
How many more biscuits do they need to make in order to reach their target?

1286 + 1749 = 3035

$$\begin{array}{r} 1286 \\ +\ 1749 \\ \hline 3035 \\ \scriptstyle 1\ \ 1\ \ 1 \end{array}$$

6448 - 3035 = 3413

$$\begin{array}{r} 6448 \\ -\ 3035 \\ \hline 3413 \end{array}$$

Answer: 3413 biscuits

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9. Jermaine spends £97.36 in a shop. He buys trainers for £45.38, a T-shirt for £19.71 and a pair of jeans. How much do the jeans cost?

£45.38 + £19.71 = £65.09

$$\begin{array}{r} 4538 \\ +\ 1971 \\ \hline 6509 \\ \hline \end{array}$$

1 1

£97.36 - £65.09 = £32.27

$$\begin{array}{r} 2 \\ 9\ 7\ \cancel{3}\ {}^{1}6 \\ -\ 6\ 5\ 0\ 9 \\ \hline 3\ 2\ 2\ 7 \\ \hline \end{array}$$

Answer: £32.27 for a pair of jeans

10. At 'Dinosaur Land Theme Park', there are 2348 visitors on Monday and 1678 visitors on Tuesday. On Wednesday, there are 2371 fewer visitors than Monday and Tuesday combined. How many visitors were there on Wednesday?

2348 + 1678 = 4026

$$\begin{array}{r} 2348 \\ +\ 1678 \\ \hline 4026 \\ \hline \end{array}$$

1 1 1

4026 - 2371 = 1655

$$\begin{array}{r} 3\ 9 \\ \cancel{4}\ {}^{1}\cancel{0}\ {}^{1}2\ 6 \\ -\ 2\ 3\ 7\ 1 \\ \hline 1\ 6\ 5\ 5 \\ \hline \end{array}$$

Answer: 1655 visitors

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