

Monday

1. Kieran was saving to buy a laptop for £465.98 and a printer for £126.78. How much money does he need to save?
2. Maddie saved £1987.50. She wanted to buy a new TV. It cost £1268.45. Has she enough money left to buy a games console costing £474.99?

Check your answers by rounding the amount to the nearest pound or £10.

Challenge:

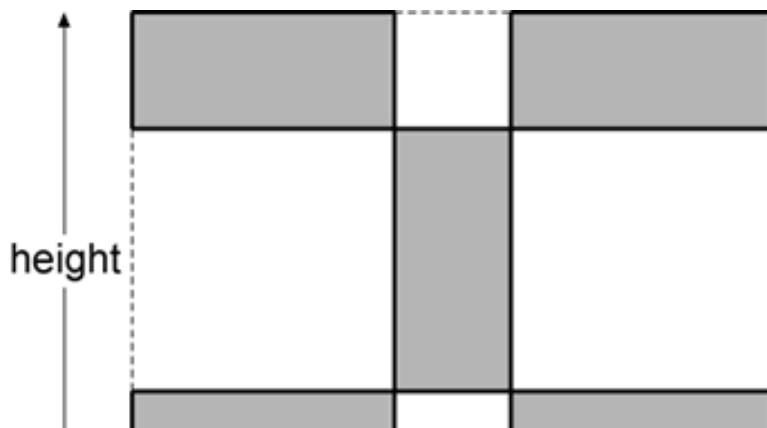
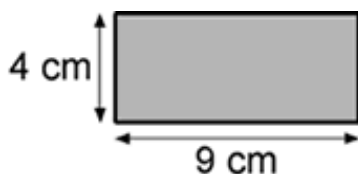
1. Pick two amounts from: . £852.79, £1089.50, £60.98, £284.99.

Find their totals and differences.

2. Then make up problems to go with your calculations.

Peter has £10. He buys 3 kg of potatoes at 87p per kg and 750 g of tomatoes at £1.32 per kg. How much money does he have left?

Each tile is 4 centimetres by 9 centimetres.



Calculate the width and height of the design.

Write down the calculations that you did

In this subtraction, each of the letters K, A, N, G, R and O represents a different digit.

$$\begin{array}{r} \text{K A N} \\ - \text{G A R} \\ \hline \text{O O} \end{array}$$

What is the largest possible value of the number 'KAN'?

Tuesday

Palindromes

1. Write down any number that is more than one digit. (e.g. 47)
2. Write down the number reversed beneath the first number. (47+74)
3. Add the two numbers together. (121)

Try a simple one first, such as 18. Sometimes you need to use the first addition answer and repeat the process of reversing and adding.

You will nearly always arrive at a palindrome answer within six steps. Try one of these numbers 68 or 79.

If you choose a number greater than 89 arriving at the palindrome answer takes more steps but it still works.

But don't try 196! In fact, avoid it like the plague.... A computer has already gone through several thousand stages and still hasn't come up with a palindrome answer

Wednesday and Thursday

Look at the Smarties PowerPoint, grab yourself a packet of smarties and complete the challenges!