

Developing - To use column subtraction to calculate amounts of money

1) £43.59 - £28.05

£15.54

2) £68.41 - £27.68

£40.73

3) £22.83 - £7.16

£15.67

4) £54.11 - £42.73

£11.38

5) £112.65 - £23.02

£89.63

6) £280.07 - £9.55

£270.52

7) £40.09 - £12.29

£27.80

8) £200.75 - £14.75

£186.00

9) £80.00 - £23.07

£56.93

Developing - To use column addition to calculate amounts of money

1) £13.59 + £48.05

£61.64

2) £68.60 + £27.98

£96.58

3) £22.89 + £9.16

£32.05

4) £56.80 + £62.75

£119.55

5) £123.65 + £83.06

£206.71

6) £245.27 + £9.59

£254.86

7) £45.94 + £99.09

£145.03

8) £24.50 + £12.09 + £34.75

£71.34

9) £8.65 + £312.50 + £23.97

£345.12

Mastery - To explain mistakes using my knowledge of column subtraction

T O . t h

~~2~~<sup>5</sup> ~~6~~<sup>9</sup> ~~0~~<sup>1</sup> 2

- 3.68

22.34

T O . t h

~~3~~<sup>5</sup> ~~6~~<sup>9</sup> ~~0~~<sup>1</sup> 4

- 14.06

21.98

T O . t h

~~3~~<sup>8</sup> ~~9~~<sup>9</sup> ~~0~~<sup>1</sup> 4

- 1.18

37.86

**Key Vocabulary:** place value column, tens, ones, tenths, hundredths, decimal point, exchange

# Problem Solving

Some questions don't tell you which calculations to use. You have to choose a good way to work out the answer. Here's an example:

Amir builds one wooden model that is **9.26** cm tall and another that is **23.7** cm tall. How much wood does Amir have left over if he had **67.55** cm to begin with?

Add the first two numbers:

$$\begin{array}{r} 9.26 \\ + 23.7 \\ \hline 32.96 \\ 1 \end{array}$$

Then **subtract** the **result** from the third number:

$$\begin{array}{r} 67.55 \\ - 32.96 \\ \hline 34.59 \text{ cm} \end{array}$$

Use the boxes to work out the problems and then write the answer.



It took Nic two days to knit a 156.32 cm scarf. On the first day he knitted 61.25 cm. How much did he knit on the second day?

$$\begin{array}{r} 156.32 \\ - 61.25 \\ \hline 95.07 \end{array}$$

Pam buys 1529 potato seeds, 43226 carrot seeds and 21031 tomato seeds. How many seeds does she buy in total?

$$\begin{array}{r} 1529 \\ 43226 \\ + 21031 \\ \hline 65786 \end{array}$$

Liam has £2.75. He buys a chocolate bar for £0.68 and a sandwich for £1.50. How much money does he have left?

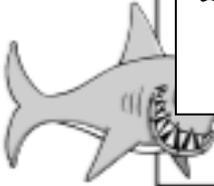
$$\begin{array}{l} \pounds 0.68 + \pounds 1.50 = \pounds 2.18 \\ \pounds 2.75 - \pounds 2.18 = \pounds 0.57 \end{array}$$

Use the boxes to work out the problems and then write the answer.

Lily earned £1099 by selling 100 top hats. How much did each top hat cost?


$$\begin{aligned} \text{£}1099 \div 100 &= \\ \text{£}10.99 & \end{aligned}$$

A group of 9 friends visit the aquarium. The total cost is £108. How much does each person pay?


$$\text{£}108 \div 9 = \text{£}12$$

Each packet of sugar weighs 45 grams. Dan buys 32 packets. How many kilograms of sugar does he have in total?

$$45\text{g} \times 32 =$$