Decimals

Topics

Ordering decimals – Calculating with decimals, with and without a calculator
Calculating with money

Questions

1. Write these six numbers in order of size.
    Start with the smallest number.

    3   3.6   0.37   2.03   0.703   30

    ………………………………………………………………
    (Total 2 marks)

2. Helen buys

    $2\frac{1}{2}$ kg of sprouts at 48p per kg,

    4 chocolate bars at 40p each,

    3 jars of pasta sauce at £1 each.

    She pays with a £10 note.
    Work out how much change she should get.

    £ ………………..
    (Total 4 marks)

3. To hire a chainsaw, a tool hire firm charges £5.50 for the first hour and £1.55 for each **extra** hour.

    (a) Work out how much the tool hire firm charges to hire a chainsaw for 20 hours.

    £………………….
    (2)

The tool hire firm charged Janine £78.35 to hire a chainsaw.

(b)   Work out how long in hours Janine had the chainsaw.

…………………………

(2)

(Total 4 marks)

4.   Use your calculator to work out

$$(5.7 - 2.05)^2 \times 0.98$$

Write down all the figures on your calculator display.

....

(Total 2 marks)

5.   (a)   Work out

6.91 × 100

……………………………

(1)

(b)   Work out

0.3 × 0.07

……………………………

(1)

(c)   Work out

9.1 – 7.07

……………………………

(1)

(Total 3 marks)

6. A retailer buys 96 books.
Each book costs £3.24

Work out the total cost of the 96 books.

£ ………………….
(Total 3 marks)

7. Harold buys

a CD costing £5.95
a book costing £7.50
a bookmark costing 75p
two pens costing 32p each

He pays with a £20 note. How much change should he get from his £20 note?

£ ....
(Total 3 marks)