

Decimals

Put these amounts of money in order, smallest to largest.

£1.73

£0.37

£3.71

£1.03

£1.07

Which of these is the smallest number?

4.602

A

4.62

B

4. $\dot{6}$

C

4.6

D

a) $2.6 + 1.2$

b) $2.74 + 6.81$

c) $45.36 + 6.81$

a) $23 + 1.5$

b) $13.6 + 38$

c) $13.2 + 17.82$

a) $432 - 234$

b) $0.6 - 0.17$

c) $£2 - £1.47$

Susie goes to a café and buys:

2 coffees for £2.49 each
a sandwich for £3.99
a slice of carrot cake for £3.49

- a) How much is Susie's bill?
- b) How much change would she receive from a £20 note?

a) 6×0.2

b) 0.2×0.3

c) 0.4×7

d) 0.2×0.8

Tim has a job paying £6.85 per hour. If he works for 34 hours, one week, how much does he earn?

Work out

a) $3.6 \div 0.4$

b) $0.8 \div 0.2$

c) $2.4 \div 0.4$

d) $25 \div 0.5$

John takes boxes out of his van. The total weight of the boxes is 4.9 kg. The weight of each box is 0.7 kg Work out the number of boxes in John's van.

Jan '16

Brenda is going to buy a box of chocolates for each guest at the party.

She sees these two offers.

| Sweets4U | Chocolate Direct |
|--|--|
|  <p data-bbox="316 808 699 842">Pack of 6 boxes of chocolates</p> <p data-bbox="424 875 592 909">£21 per pack</p> |  <p data-bbox="847 808 1230 842">Pack of 4 boxes of chocolates</p> <p data-bbox="935 875 1142 909">£14.50 per pack</p> |

Brenda needs to buy 60 boxes of chocolates.

She knows it will be cheaper to buy 60 boxes of chocolates from Sweets4U.

How much cheaper?

(4)

Use the box below to show clearly how you get your answer.

Oct '15

Anna wants a new bathroom.

She wants to buy a new toilet, basin and bath.
She wants them all from the same range.

Anna finds these prices.

| | Bathroom range | | |
|--------|----------------|---------|----------|
| | Babette | Juliet | Rosalind |
| Toilet | £323.45 | £202 | £243.78 |
| Basin | £184 | £253.63 | £247.52 |
| Bath | £267.95 | £242.57 | £227 |

Anna wants to pay as little as possible for the bathroom range.

How much will the new bathroom range cost Anna?
Show how you have checked your working.

(4)

Use the box below to show clearly how you get your answer.

Show your check in the box below.



July '15

Four apprentices want to raise £200 for charity.

Three of the apprentices raise these amounts.

| Name | Amount raised |
|--------|---------------|
| Harry | £40.60 |
| Leanne | £81.70 |
| Sanjay | £32.50 |

Sean is going to run around the playing field.

He is going to get £5.70 for each lap.

Sean thinks he needs to run 8 laps to raise the rest of the money.

Is Sean correct?
Show why you think this.

You must show a check of your working.

(5)

Use the box below to show clearly how you get your answer.

Use the box below to show your check.

Feb '17

Robyn is going to do a 24 mile walk for charity.
She asks people to sponsor her.

Robyn has this information about how much money each person will give her.

| Name | Amount for each mile | Amount for 24 miles |
|-----------------------|----------------------|---------------------|
| Shahida | £1 | £24 |
| Anita | £2 | £48 |
| John | 30p | |
| Su | 80p | £19.20 |
| Tariq | 60p | £14.40 |
| Total amount of money | | |

Robyn needs to work out the total amount of money she should get.

(a) Complete the table for Robyn.

(3)

Use the box below to show clearly how you get your answers.