

Written Short and Long Division

PS Problem-solving questions

Challenge 1

1

a) $6 \overline{)126}$ b) $9 \overline{)144}$ c) $4 \overline{)32.8}$

2

Akela needs to organise 330 scouts into 15 groups for camp. How many scouts are in each group? _____ scouts

PS

3

Skylar, Jessie and Walter share 147 marbles between them. How many marbles do they get each? _____ marbles

PS

4

Mr Fixit, the builder, is putting screws into boxes. If every box holds 8 screws, how many boxes will Mr Fixit need for 288 screws? _____ boxes

PS

5

I tidy the library shelves. I put 238 books onto 17 shelves. How many books are on each shelf? _____ books

3 marks

1 mark

1 mark

1 mark

1 mark

Marks..... /7

Challenge 2

1

a) $16 \overline{)192}$ b) $25 \overline{)425}$ c) $5 \overline{)71.5}$

PS

2

Here are some prices at the supermarket.

Carrots



£6.40 per box of 8

Tomatoes



£3.30 per box of 15

Potatoes



£4.16 per box of 16

- How much is one carrot? _____ p
- How much is one tomato? _____ p
- How much is one potato? _____ p

3 marks

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d) Five friends buy a box of carrots between them.

How much do they each pay? £_____



PS

3

Jeremy spends £7.20 on party bag presents.
If a present costs 45p, how many did he buy?

_____ presents

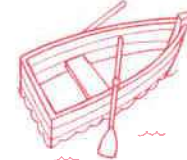


PS

4

Five friends hire a rowing boat for a day and
split the cost equally. How much do they
each pay? £_____

Rowing boats



£35.75 per day



Marks..... /9

Challenge 3

PS

1

The Roberts family need to buy some trees for their forestry
business.

Beech tree



£4.50 each

Apple tree



£7 each

Pine tree



£3.50 each

- If they spend £76.50 on beech trees, how many
did they buy? _____ beech trees
- If they have £98 to split equally between apple
and pine trees, how many of each can they buy?
_____ apple trees _____ pine trees
- New trees are delivered in lorry loads of 400.
If the Roberts family buy 9600 trees, how many
lorry loads will be delivered? _____ lorry loads
- One lorry load of new trees costs £1312. How much
does one new tree cost? £_____



Marks..... /5

Total marks /21

How am I doing?

