## Mixed Multiplication and Division Problems

Challenge I

PS Problem-solving questions

PS)

1

I am buying some stationery for school.



68p



37p



91p

- a) I buy three sharpeners. How much have I spent? £\_\_\_\_
- b) I spend £1.85 on pencils. How many pencils did I buy? \_\_\_\_\_ pencils
- c) How much will 12 rulers cost? £\_\_\_\_\_
- d) If I have £6, how many sharpeners can I buy? \_\_\_\_\_ sharpeners
- 2

What is £112.35 in pence? \_\_\_\_\_p

PS) 3

Seven friends share a box of 98 pumpkin seeds equally. How many seeds does each friend get? \_\_\_\_\_ seeds

Marks....../6

4 marks

## Challenge 2

PS

1

The teacher goes shopping for gardening supplies.

- a) She buys six pairs of wellies for Year 6 to wear in the school garden. How much did she spend? £\_\_\_\_\_
- **b)** How many pairs of gloves can I buy with £45? \_\_\_\_\_ pairs
- c) Year 6 buy 31 packets of seeds. How much do they spend? £\_\_\_\_
- **d)** There are 24 seeds in each packet. How many seeds are there in 31 packets? \_\_\_\_\_ seeds



£14.80 per pair



£9.65 per pair



95p per packet



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PS

2

A bag of 15 oranges costs £4.05

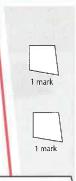
How much does one orange cost? \_\_\_\_\_p

PS

3

Apples are 57p each. How much do I pay

if I buy 12 apples? £\_\_\_\_



Marks....../6

## Challenge 3

PS >

Here are the prices for going to the cinema.

Cinema tickets	Cost
Child	£3.55
Adult	£5.85
Student	£4.75
Family (2 adults and 2 children)	£17.50



- a) Julie's mum pays for eight child tickets. How much does she spend? £\_\_\_\_\_
- b) A group of adults go to the cinema. Their tickets cost £70.20 in total. How many adults watched the film? \_\_\_\_\_ adults
- c) Mike is a student at college. His tutor organises for Mike's class of 36 students to watch a film. How much do the tickets cost in total? £\_\_\_\_\_
- **d)** Mr Smith, his wife and their two children want to go to the cinema. Is it cheaper for him to buy a family ticket or individual tickets? Explain your answer.
- e) Bill buys five cinema tickets. They cost £25.95 in total. What type of tickets did he buy, and how many?



Marks....../7

Total marks ....../19

How am I doing?





