Mixed Multiplication and Division Problems

PS Problem-solving questions

Challenge 1

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

4 marks

2 What is £112.35 in pence? _____p

1 mark

PS **3** Seven friends share a box of 98 pumpkin seeds equally.
How many seeds does each friend get? _____ seeds

1 mark

Marks.......... /6

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? £_____

£14.80 per pair

b) How many pairs of gloves can I
   buy with £45? _____ pairs

£9.65 per pair

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

95p per packet

4 marks

Mixed Multiplication and Division Problems

PS **2** A bag of 15 oranges costs £4.05

How much does one orange cost? _____ p

1 mark

PS **3** Apples are 57p each. How much do I pay

if I buy 12 apples? £_____

1 mark

Marks.......... /6

Challenge 3

PS **1** 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? _____

7 marks

Marks.......... /7

Total marks .... /19   How am I doing?   😊   😐   😣

45