1 Here is a formula to calculate the cooking time for a chicken.

Cooking Time = 24 minutes per kg plus 35 minutes

How long will it take to cook a 1.5kg chicken?

24 x 1.5 = 36

36 + 35

71 minutes

1 mark

2 Here is a rule to calculate a taxi fare.

Taxi Fare = £2.50 plus an extra £1.50 per mile

How much will it cost to travel 10 miles?

10 x £1.50 = £15

£2.50 + £15 = £17.50

£ 17.50

1 mark

What distance journey costs £8.50?

£8.50 - £2.50 = £6

£6 ÷ £1.50 = 4

4 miles

1 mark

3 A theatre sells tickets for a play.

Each ticket costs £14

There is a £2 booking charge for buying tickets.

Which of these shows how to calculate the total cost, in pounds?

Tick **one.**

number of tickets × 2 + 14 ☐

number of tickets × 14 + 2 ✓

number of tickets + 2 × 14 ☐

number of tickets + 14 × 2 ☐

1 mark

4

A pizza shop use this formula to work out the cost of a pizza.

Price = £8.00 + £1.25 per topping

What is the price for a pizza that has **3** toppings on it?

3 x £1.25 = £3.75

£8 + £3.75 = £11.75

£ 11.75

1 mark

Stephen has **£15** to spend on his pizza.

What is the greatest number of toppings Stephen can have on his pizza?

Show Your method

15 – 8 = 7   (£7 to spend on toppings)

£1.25

£2.50

£3.75

£5

£6.25

5 toppings

2 marks

5

Steph is paid £8.50 per hour during the week and £10 per hour at weekends.

In one week Steph works 25 hours during the week and 11 hours at the weekend.

How much does Steph get paid in total for the week?

Show Your method

```
    8 . 5 0
  x     2 5
    4 2 5 0
1 7 0 0 0
2 1 2 5 0
```

£10 x 11 = £110

£212.50 + £110 = £322.50

£ 322.50

2 marks