For each of the following questions, demonstrate all your working.

1) A cinema offers two ticket types:
   Standard: £7 per ticket
   Family bundle: 4 tickets for £25
   Which option is the better value per person?

2) A shop sells pencils:
   1 pencil for 60p
   Pack of 5 pencils for £2.50
   Which option is the better deal?

3) A fairground offers the following ride packages:
   £6 for 2 rides
   £10 for 4 rides
   Which option gives the better value per ride?

4) A phone plan offers 6 GB for £10.75, or 10 GB for £18. Which plan gives the better value per GB?

5) A bottle of water costs £1.20 for 1.5 litres. Another bottle costs £0.79 for 1 litre. Which is the better value?

6) A 500 g pack of pasta costs £0.80.
   A 1 kg pack costs £1.60.
   Which is the better value?

7) Two packs of kitchen roll are on sale in a supermarket.
   Pack of 4 for £1.40
   Pack of 10 for £3.60
   Which pack offers the better value for the money?

8) A pack of 6 cans of fizzy drink costs £2.70.
   A pack of 12 cans of fizzy drink costs £5.00.
   Which pack offers the better value per can?

9) A travel bottle of shampoo contains 150 ml and costs £1.80. A family-size bottle contains 600 ml and costs £5.40.
   Which size is the better value?

10) A 2 litre bottle of juice is £1.80.
    A 750 ml bottle of juice is £0.75.
    Which size is the better value?

11) A shop has two offers on pens:

    Offer 1: Buy 2 for £1.28

    Offer 2: £0.95 each
    Buy 2 get 1 free

    Which offer is the better value per pen?

12) A shop sells chewing gum in three different pack sizes:

    Pack A: 6 pieces for £1.20
    Pack B: 10 pieces for £1.70
    Pack C: 18 pieces for £3.24

    Which pack offers the best value?

13) A phone company offers two internet plans.
    Plan A: £27 per month for 100 GB
    Plan B: £35 per month for unlimited data

    How much would you have to use in GB for Plan B to be the better value?

14) A hotel charges £80 per night, or a special offer rate of £210 for 3 nights (with a free breakfast worth £10 per day included).

    Is the special offer better than paying per night with breakfast separately? If so, how much is saved through the special offer?