1. In a sale, normal prices are reduced by 20%.

Andrew bought a saddle for his horse in the sale. The sale price of the saddle was £220.

Calculate the normal price of the saddle.

$$220 = 80\%$$
.

 $2.75 = 1\%$ .

 $2.75 = 1\%$ .

 $2.75 = 1\%$ .

 $2.75 = 1\%$ .

£...275...... (Total 3 marks)



Jacob answered 80% of the questions in a test correctly. He answered 32 of the questions correctly.

Work out the total number of questions in the test.

$$80\% = 32$$

$$-8 = -.8$$

$$10\% = 4$$

$$100\% = 40$$

(Total 3 marks)

3. In a sale, normal prices are reduced by 15%. The sale price of a CD player is £102

Work out the normal price of the CD player.

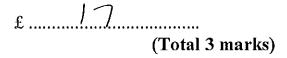
4. A garage sells cars. It offers a discount of 20% off the normal price for cash.

Dave pays £5200 cash for a car.

Calculate the normal price of the car.

5. In a sale, normal prices are reduced by 25%. The sale price of a saw is £12.75

Calculate the normal price of the saw.



6. In a sale, normal prices are reduced by 12%. The sale price of a DVD player is £242.

Work out the normal price of the DVD player.

- 7. The price of all rail season tickets to London increased by 4%.
  - (a) The price of a rail season ticket from Cambridge to London increased by £121.60Work out the price before this increase.

 $t_{121.60} = 4/.$ 

£ 3040 (2)

(b) After the increase, the price of a rail season ticket from Brighton to London was £2828.80Work out the price before this increase.

12828.80=104%

2828.80 - 1.04

£ 2720

**(3)** 

(Total 5 marks)