

April 14th

In a sale the normal selling price of a jumper is reduced by 20%.

The shop owner still makes 4% profit above the price she paid for it.

What percentage profit would be made if the jumper was sold at the normal selling price?

Original selling price = p

Buying price = b

Therefore $0.8p = 1.04b$

$$p = \frac{1.04b}{0.8} = 1.3b$$

Therefore he would have made **30% profit**