

Name:

Percentage increase and decrease worksheet. (Calculators allowed)

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**L/O:** To be able to accurately calculate percentage increases and decreases – and therefore become good shoppers...

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REMEMBER TO **SHOW YOUR WORKING**, or you will lose marks in your SATs.

1. What is 25% of 60?
2. 30% of 125?
3. 96% of 200?
4. If a shop gives “25% off original price”, what percentage of the original price do you pay?
5. If the discount is 30%, what percentage of the original price do you pay?
6. If there is a 10% discount off a shirt which has an original price of £20:
  - (a) What **percentage** of the original price do you pay?
  - (b) How much money (in pounds) do you pay?
7. If there is a 40% discount off a book which has an original price of £50:
  - (a) What **percentage** of the original price do you pay?
  - (b) How much money (in pounds) do you pay?
8. If a promotional bag of flour has “20% extra free”, what percentage of a normal bag of flour do you get?
9. If a chocolate bar that is usually 100g has 25% extra free, how much chocolate (in grams) do you get in a bar?
10. (a) If a box of cereal normally has 500g in it, and costs £1.25, what is the cost of cereal in **£ per kg**?
  - (b) If a promotional pack of the cereal has 40% extra free:
    - What is the mass (in grams) of a box?
    - What is the cost of cereal in **£ per kg**?