

Percentage calculation

1. Calculate
 - a) 2% of 300,
 - b) 5% of 400 tons,
 - c) 10% of 480 kg,
 - d) 1% of 678.
2. What percentage corresponds to
 - a) 20 of 100,
 - b) 35 kg of 1050 kg,
 - c) 21 of 168,
 - d) $\frac{1}{6}$ of the base value,
 - e) half of the base value?
3. From which base values are in each case
 - a) 5kg exactly 10%,
 - b) 12 exactly 5%,
 - c) 30km/h exactly 40%,
 - d) 3 Euro exactly 4%?
4. Two supermarkets are advertising discount offers. Market 1 gives 10% discount on everything and in the week before Christmas another 5% on the remaining price. Market 2 gives 15% discount on everything in the week before Christmas. Assuming the prices are about the same in both supermarkets before discounting, where would you shop in the week before Christmas?
5. You have 450 photos stored on your USB flash drive and you are told that 72% of the space is occupied. Assuming the photos all occupy the same amount of space each, how many more will fit on the stick?