Topic: Sharing by a Ratio

Share the following amounts in the given ratios.

1. 400g in the ratio 2:3
2. £500 in the ratio 3:7
3. 5 hours in the ratio 5:7
4. £100 in the ratio 2:3:5
5. £240 in the ratio 3:5:12
6. 600g in the ratio 1:5:6

A health food store aims to stock branded goods and their own goods in the ratio 2:3. They stock 500kg of porridge oats.

a) What percentage of the oats are branded?
b) How much of the porridge oats is their own?

Alice and Olivia share some sweets in the ratio 7 : 3. Alice gives 3 sweets to Olivia and now the ratio is 5 : 3. How many sweets did each have initially?

There are red and green pens in a classroom. The ratio of red to green is 5:2. When 8 red pens are taken and placed with the green pens the ratio of pens from the red box to the green box is 3:2. How many pens were there initially?
Share the following amounts in the given ratios.

1. 400g in the ratio 2:3
2. £500 in the ratio 3:7
3. 5 hours in the ratio 5:7
4. £100 in the ratio 2:3:5
5. £240 in the ratio 3:5:12
6. 600g in the ratio 1:5:6

A health food store aims to stock branded goods and their own goods in the ratio 2:3. They stock 500kg of porridge oats.

a) What percentage of the oats are branded?
b) How much of the porridge oats is their own?

Alice and Olivia share some sweets in the ratio 7 : 3. Alice gives away 3 sweets and now the ratio is 5 : 3. How many sweets did each have initially?

There are red and green pens in a classroom. The ratio of red to green is 5:2. When 8 red pens are taken and placed with the green pens the ratio of pens from the red box to the green box is 3:2. How many pens were there initially?