

F = fraction, D = decimal, P = percentage, R = ratio*

1. A vet sees only dogs and cats one week.

The ratio of the number of dogs to the number of cats is 3 : 2

What fraction of the pets the vet sees that week are dogs?

1.

2. Year 10 can choose between badminton, fitness and football for sport one day.

The ratio of the number of year 10 choosing badminton to fitness to football is 2 : 5 : 4

What fraction of year 10 choose badminton?

2.

3. A box of highlighters contains only yellow and green highlighters.

The ratio of the number of yellow highlighters to green highlighters is 2 : 1

What is the fraction of the highlighters which are green?

3.

4. There are milk chocolates, dark chocolates and white chocolates in a chocolate box.

The ratio of the number of milk chocolates to the number of dark chocolates to the number of white chocolates is 6 : 3 : 2

What fraction of the chocolates are dark chocolates?

4.

5. A street has only cars and motorbikes parked.

The ratio of the number cars parked to the number of motorbikes parked is 4 : 1

What fraction of the vehicles parked are motorbikes?

5.

6. The ratio of the number of boys to the number of girls in a class is 5 : 4

What fraction of the class are girls?

6.

Answers (1) $\frac{3}{5}$ (2) $\frac{2}{11}$ (3) $\frac{1}{3}$ (4) $\frac{3}{11}$ (5) $\frac{1}{5}$ (6) $\frac{4}{9}$