

A hat contains tickets labelled as 'A', 'B' and 'C'. The probability of selecting ticket A is  $\frac{3}{10}$  and the probability of selecting ticket B is  $\frac{7}{15}$ .

- What is the value of  $P(A)$ ?
- What is the value of  $P(B)$ ?
- What is the probability of selecting a ticket with the letter 'D'?
- What is the probability of selecting tickets A, B or C?
- What is the probability of selecting ticket C?

A bag contains black, yellow and white cards. The probability of drawing a black card is 57% and the probability of drawing a yellow card is 8%. What is the value of the following, expressed as a fraction in simplest form?

- $P(\text{Black})$
- $P(\text{Yellow})$
- $P(\text{White})$

In a particular event the probability of Jun winning a gold medal is  $\frac{3}{8}$  and a silver medal is  $\frac{1}{4}$ . There is no bronze medal.



- What are Jun's chances of winning a gold or a silver medal?
- What are Jun's chances of not winning any medals?

Some picture cards from a deck of cards are placed face down on the table. The probability of drawing a king is 0.25 and a queen is 0.60. What is the value of the following expressed as a decimal?

- $P(\text{King})$
- $P(\text{Jack})$
- $P(\text{Jack}) + P(\text{King})$
- $P(\text{King}) + P(\text{Queen}) + P(\text{Jack})$