

**Example:**

Sally has five cards each with a letter on.



She selects a card at random. Find the probability that she selects:

- a) the A.  $P(A) = \frac{1}{5}$
- b) a vowel.  $P(\text{vowel}) = \frac{2}{5}$

**Exercise:**

1. Abi has eight cards each with a letter on.



She selects a card at random. Find the probability that she selects:

- a) an S.
  - b) a T.
  - c) an A.
  - d) a consonant.
  - e) a vowel
  - f) not a T.
2. The number of matches in eight boxes are: 46, 48, 52, 51, 49, 53, 46, 50. One box is selected at random. Find the probability of the box containing:
- a) 53 matches.
  - b) an even number of matches.
  - c) less than 50 matches.
  - d) 54 matches.
  - e) a number of matches that is multiple of three.