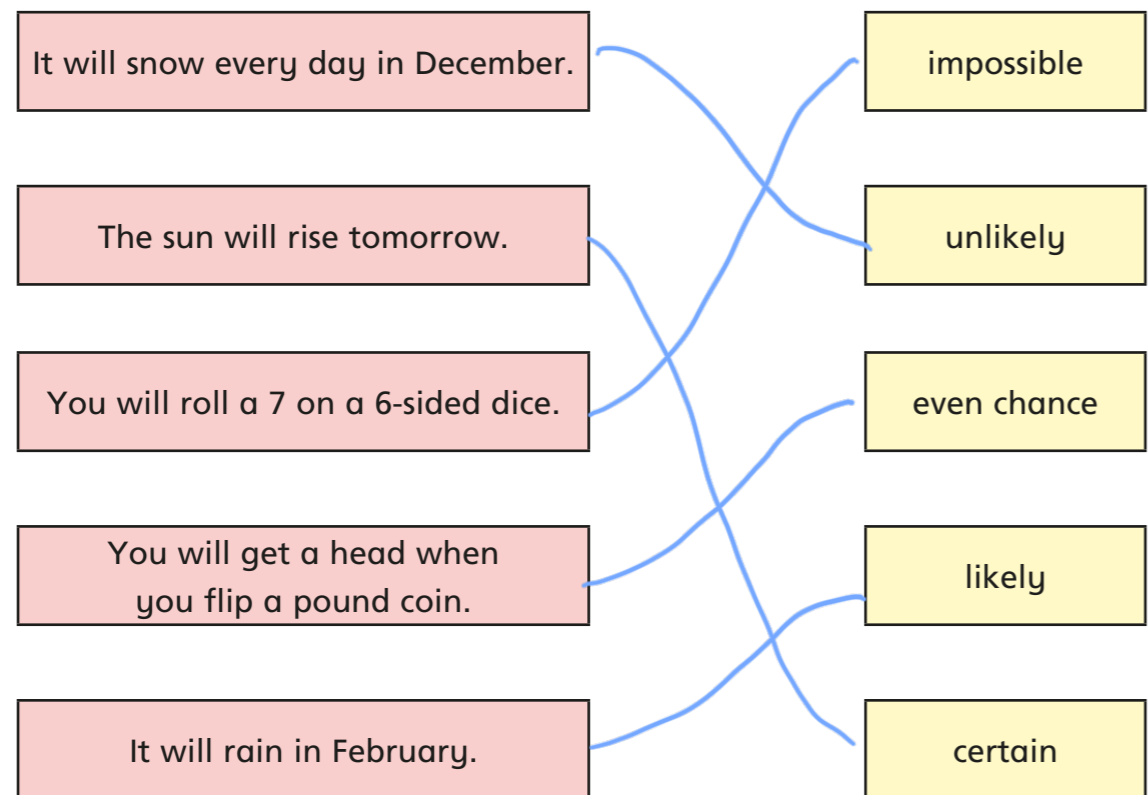


# Know and use the vocabulary of probability

1 Some words to do with probability have been jumbled up. Unscramble the letters to find the correct words.

- a) KELLY likely
- b) CRINTAE certain
- c) LUEKILNY unlikely
- d) ELSPBIMI impossible
- e) ENCHVACENE even chance

2 Match each statement to the most appropriate word(s).



3 Choose the word(s) that best describe the likelihoods of the events.

- impossible
- likely
- unlikely
- even chance
- certain

- a) Running 100 km in 9.58 seconds unlikely
- b) Meeting a 400 cm tall man impossible
- c) Taking an hour to drive 60 miles at a constant speed of 60 mph certain
- d) Walking 3 miles in an hour likely
- e) A tonne of feathers weighing less than a tonne of concrete. impossible

4 a) Write three events that are certain to happen.

- 1. Various answers
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

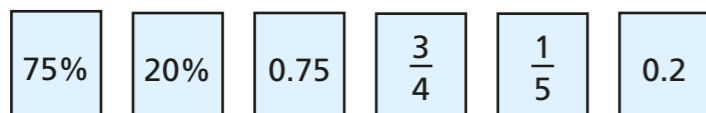
b) Write three events that are unlikely to happen.

- 1. Various answers
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

Compare your events with a partner's.

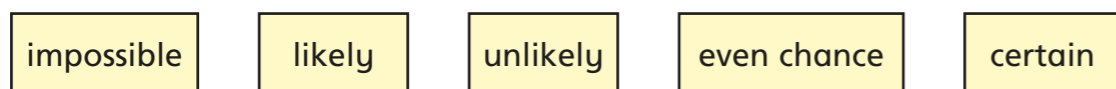


5 Here are some number cards.



Dora chooses a card at random.

Choose the word(s) that best describe the likelihood of the events.



- a) Dora's card will be equal to one fifth. even chance
- b) Dora's card will be a fraction. unlikely
- c) Dora's card will be equal to three quarters. even chance
- d) Dora's card will be greater than 1 impossible
- e) Dora's card will be greater than one tenth but less than 0.8 certain

6 Decide whether the statements are impossible, unlikely, even chance, likely or certain.

The current year minus your age will give the year you were born.  
A coin has landed on heads seven times in a row.  
The next toss will land on heads.

7 Write a different number on each card so that all the statements are true.



Whitney: It is certain that when I choose a card it will be a factor of 30

Jack: My card is likely to be a one-digit number.

Eva: It is impossible to choose a multiple of 2

Compare answers with a partner.

8 Two teams are taking part in a competition. One of the teams will win.

Rosie: There is an even chance that either team will win.

Mo: I don't think that is correct.

Who do you agree with? Mo

Explain why.

It depends on other things like how good the teams are.

Compare answers with a partner.