

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 _____
- b) CRINTAE _____
- c) LUEKILNY _____
- d) ELSPOSBIMI _____
- e) ENCHVACENE _____

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

It will snow every day in December.	impossible
The sun will rise tomorrow.	unlikely
You will roll a 7 on a 6-sided dice.	even chance
You will get a head when you flip a pound coin.	likely
It will rain in February.	certain

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 _____
- b) Meeting a 400 cm tall man _____
- c) Taking an hour to drive 60 miles at a constant speed of 60 mph _____
- d) Walking 3 miles in an hour _____
- e) A tonne of feathers weighing less than a tonne of concrete. _____

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

1. _____

2. _____

3. _____

b) Write three events that are unlikely to happen.

1. _____

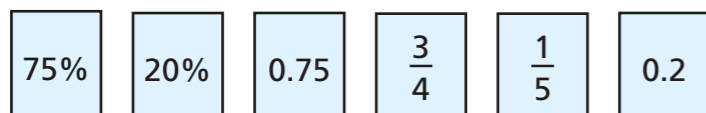
2. _____

3. _____

Compare your events with a partner's.

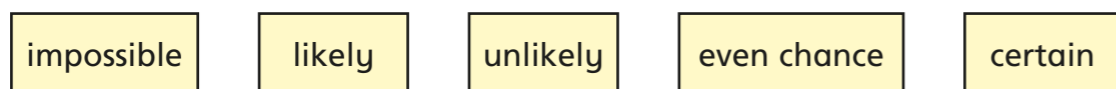


5 Here are some number cards.



Dora chooses a card at random.

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



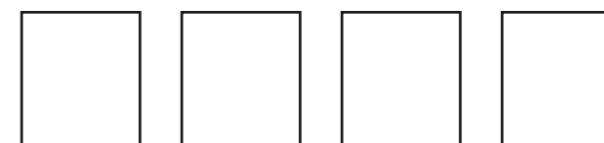
- a) Dora's card will be equal to one fifth. _____
- b) Dora's card will be a fraction. _____
- c) Dora's card will be equal to three quarters. _____
- d) Dora's card will be greater than 1 _____
- e) Dora's card will be greater than one tenth but less than 0.8 _____

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? _____

Explain why.

Compare answers with a partner.