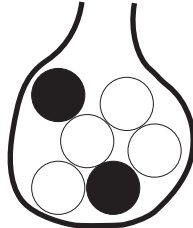


1. (a) After shaking this bag and picking a ball, what colour is it more likely to be?

- A White
- B Black



(b) One person is chosen from the list of people below. It is more likely to be a:

- A Boy
- B Girl

Lucy Matthew
Justin Richard
Belinda Sharon
Bruce Jason

(c) One number is chosen from the numbers below. It is more likely to be:

- A More than 20
- B Less than 20

14 10 58 63
31
26 19 40
9

2. For the events below write if each is either:

impossible

unlikely

a 50-50 chance

likely

certain

(a) It will rain tomorrow.

(b) It will rain during the next school holidays.



(c) Heads will turn up if you toss a coin.



(d) Your teacher could throw a tennis ball 500 metres.

(e) Next time you visit the dentist you will need a filling.

3. A box of chocolates contains the following flavours:

- 1 turkish delight
- 6 strawberry
- 3 caramel
- 2 peppermint
- 4 toffee

If you closed your eyes and picked a chocolate, list the flavours in order from the one **most likely** to be picked to the one **least likely** to be picked.

Most likely _____

Least likely _____

4. A game at a school fete involved opening a box randomly from the pile shown below. The prize in each box is shown.

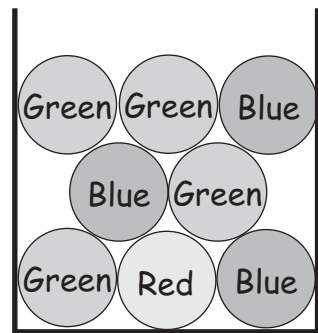
Ball	Book	Book	Ball	Music CD	Book
Ball	Ball	Music CD	Book	Ball	Ball
Music CD	Book	Ball	Computer Game	Ball	Book

List the prizes in order from the one **most likely** to be won to the one **least likely** to be won.

Most likely _____

Least likely _____

5. A ball is chosen randomly from this box. List the colours in order from the one **most likely** to be chosen to the one **least likely** to be chosen.



Most likely _____

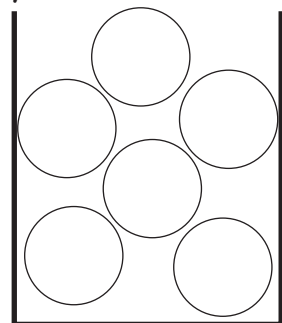
Least likely _____

6. Colour in the balls in the following boxes to match the statements shown.

(a) There are red, yellow and blue balls in this box.

Red is the **most likely** colour to be chosen.

Blue is the **least likely** to be chosen.



(b) There are red, green, yellow and blue balls in this box.

Red is the **most likely** colour to be chosen.

Blue is the **least likely** colour to be chosen.

There is the **same likelihood** of choosing **green** and **yellow**.

