1. Draw out this probability scale and put the following events on it in the right places. One has been done for you.

| No chance | Poor chance | Even chance | Good chance | Certain |

Throw a die and not get a six.
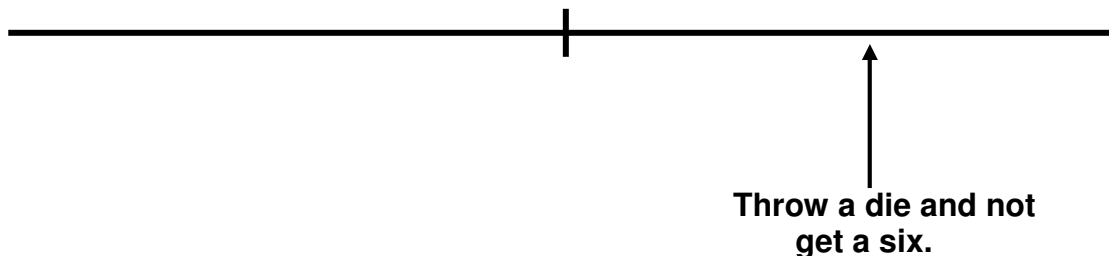
a) Throw a die and not get a six.

b) Toss a coin and get a head.

c) Toss a coin and get a **4**.

d) You being on television tonight.

e) Choose a card from a pack and it is <u>not</u> the ace of clubs.

f) Put your hand in your pocket now and pull out a £10 note.

2. Can you write down some events that only have two outcomes? Here are some to start you off:

a) Toss a coin and get a head or a tail.

b) Pass or fail a swimming test.

c) Throw a die and obtain an even number or an odd number.

d)

e)

f)

g)

h)

Are all these events in the centre of the probability scale?

1. a) Good chance **b)** Even chance **c)** No chance **d)** Nearly no chance
e) Very good chance **f)** (Probably) very poor chance

2. All these events are not necessarily in the centre of the probability scale. Eg passing or failing a swimming test depends on the difficulty of the test and the ability of the swimmer.