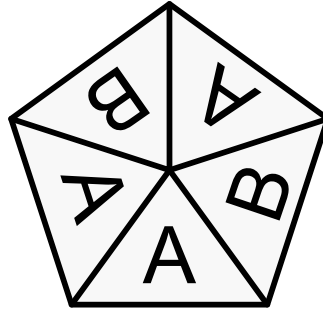


Probability

1. A fair spinner has five sides.



a Draw an arrow on the number line showing the probability of spinning an A.



b What word would you use to describe the likelihood of spinning an A?

c Draw an arrow on the number line showing the probability of spinning a B.



d What word would you use to describe the likelihood of spinning a B?

e Draw an arrow on the number line showing the probability of spinning a C.



f What word would you use to describe the likelihood of spinning a C?

g Draw an arrow on the number line showing the probability of spinning an A or B.



h What word would you use to describe the likelihood of spinning an A or B?

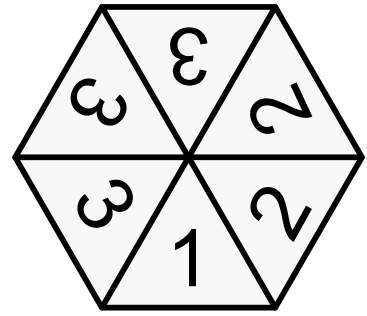
i What is the probability of spinning an A?

j What is the probability of spinning a B?

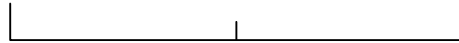
k What is the probability of spinning a C?

l What is the probability of spinning an A or a B?

2. A fair spinner has six sides.



a On the scale below, mark with a cross, the chance of spinning a 1.



b Describe the probability of throwing a 1 in one word.

c On the scale below, mark with a cross, the chance of spinning a 2.



d Describe the probability of throwing a 2 in one word.

e On the scale below, mark with a cross, the chance of spinning a 3.



f Describe the probability of throwing a 3 in one word.

g On the scale below, mark with a cross, the chance of spinning a 4.



h Describe the probability of throwing a 4 in one word.

i On the scale below, mark with a cross, the chance of spinning a 1, 2 or 3.



j Describe the probability of throwing a 1, 2 or 3 in one word.

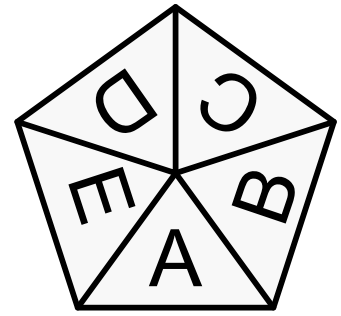
3. A biased spinner has five sides.

The chance of spinning an A is 0.1.

The chance of spinning a B is one and a half times that of spinning an A.

The chances of spinning a C is twice that of spinning a B.

The chances of spinning a D or an E are equal.



a From the information given, fill in the table below.

A	B	C	D	E
0.1				

b What rule allows you to work out the probability of the spinner landing on D?

c What is the chance of spinning a B and then a D?

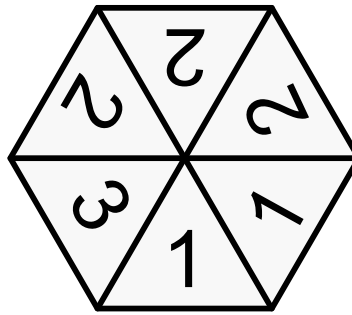
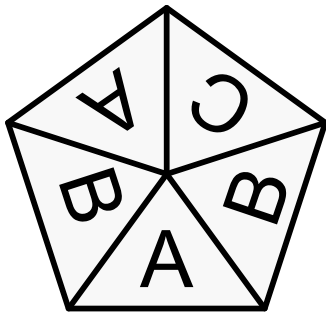
d What is the chance of spinning a vowel?

e What is the chance of not spinning a C?

f What is the chance of not spinning a vowel?

g What is the chance of spinning an A then a B then a C?

4. Both spinners shown below are fair.



Both spinners are spun once.

Fill in the table below.

What are the chances of...	... spinning a not spinning a...
C3		
B3		
C2		
B2		
A1		
A2		
B1		
C1		
A3		

What are the chances of spinning an A3 and then a C2?