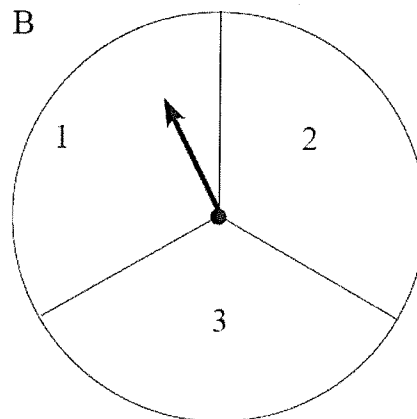
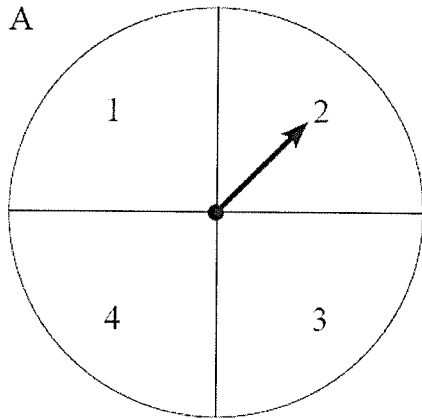


# M7 = 29 days to go!

3



Spinners A and B are each spun once.

(a) Complete the table to show all the possible outcomes.

		Spinner B		
		1	2	3
Spinner A	1	$\triangle$ 1, 1	1, 2	1, 3
	2	$\square$ 2, 1	$\triangle$ 2, 2	2, 3
	3	$\square$ 3, 1	$\square$ 3, 2	$\triangle$ 3, 3
	4	$\square$ 4, 1	$\square$ 4, 2	$\square$ 4, 3

[1]

(b) What is the probability of getting the same number on each spinner?

$\triangle$  in diagram  
3 out of 12

Answer  $\frac{3}{12}$  [1]

(c) What is the probability of getting a bigger number on A than B?

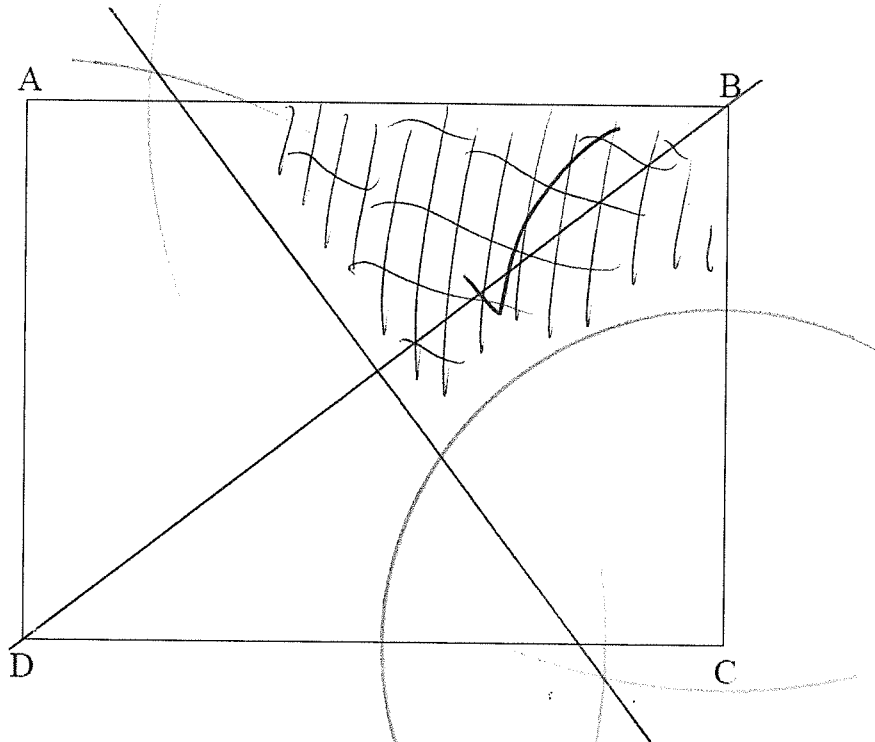
Bigger on A than on B.

see  $\square$  in diagram

6 ways of out 12

Answer  $\frac{6}{12}$  [1]

11



ABCD is a rectangle, with  $AB = 9\text{ cm}$  and  $BC = 7\text{ cm}$ .

Shade the region inside the rectangle which is the locus of all points that are

(i) greater than  $4.5\text{ cm}$  from C

and (ii) nearer to B than D.

[3]

