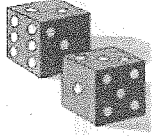


# 16 = 17 days to go!

Two fair six sided dice are rolled.



The numbers on the two dice are multiplied together to give a score.

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

		Dice 1					
		1	2	3	4	5	6
Dice 2	1	1	2	3	4	5	6
	2	2	4	6	8	10	12
	3	3	6	9	12	15	18
	4	4	8	12	16	20	24
	5	5	10	15	20	25	30
	6	6	12	18	24	30	36

(2)

(b) Find the probability of a score of 12

with circle in table  
4 out of 36

$$\frac{4}{36}$$

(1)

(c) Find the probability of a score of 10 or more

 in table

$$\frac{19}{36}$$

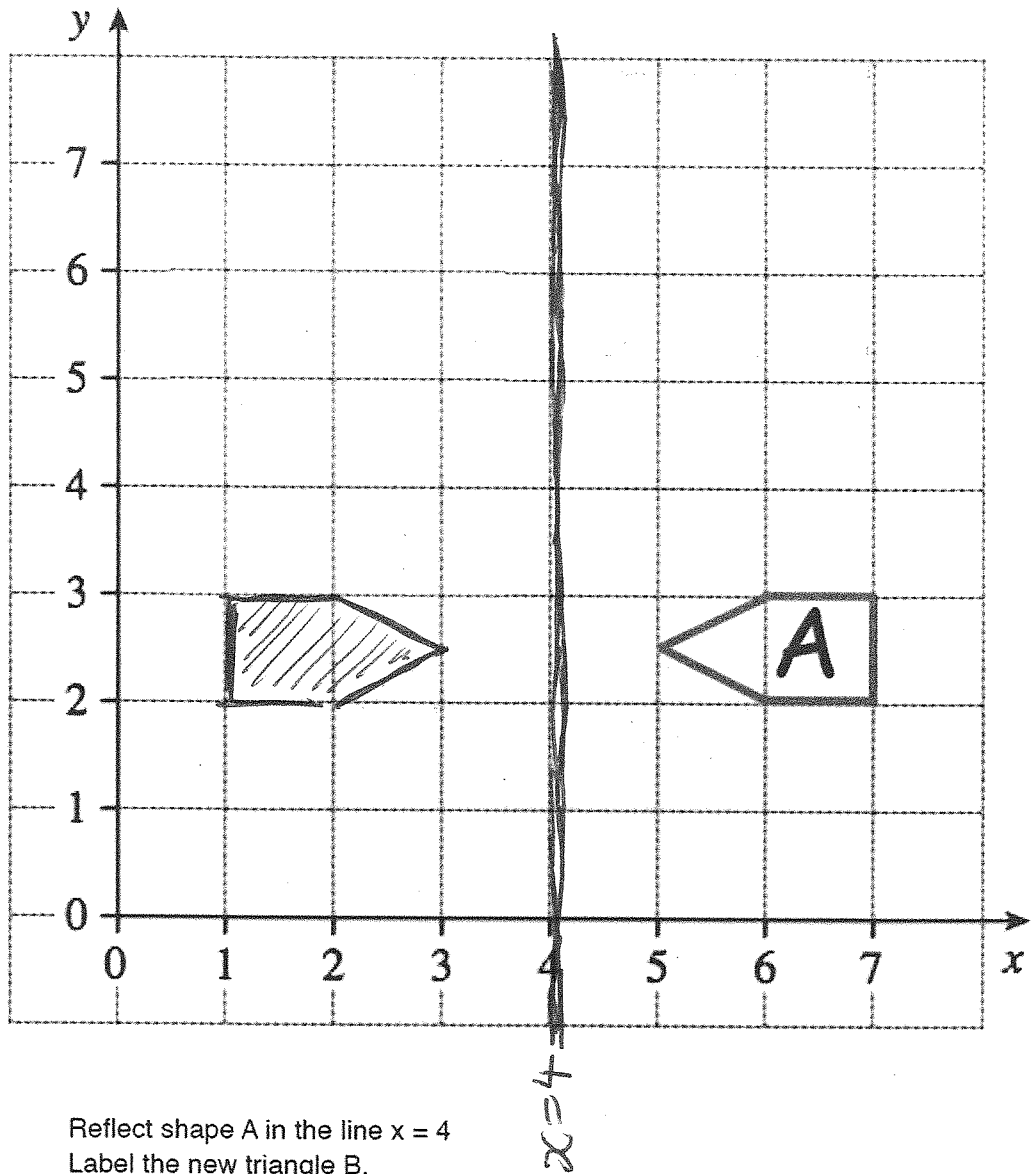
(2)

(d) Find the probability of an even number

possible 27 way

$$\frac{27}{36}$$

(2)



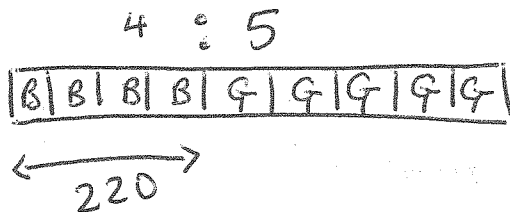
fold over

(2)

The ratio of boys to girls in a school is 4 : 5  
There are 220 boys in the school.

Bar Method

How many students attend the school?



Each  $\square = 55$

$$9 \times 55 = 495$$

495 students

(3)