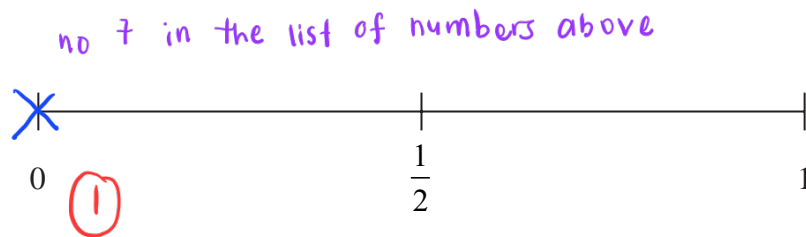


1 Here is a list of 8 numbers.

2 2 3 5 6 6 8 9

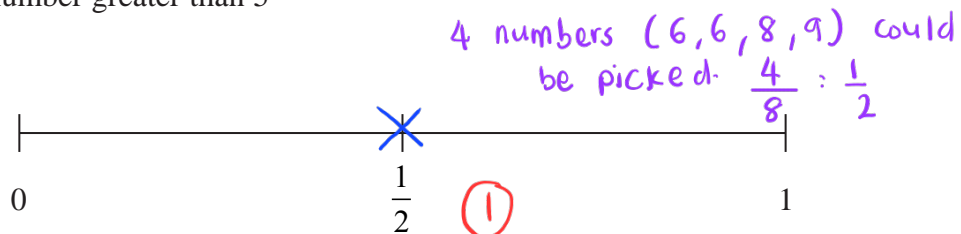
Kim picks at random one of these numbers.

(a) On the probability scale below, mark with a cross (×) the probability that Kim picks a number 7



(1)

(b) On the probability scale below, mark with a cross (×) the probability that Kim picks a number greater than 5



(1)

(c) Find the probability that Kim picks an even number.

$$\begin{aligned} \text{Even number} &= 2, 2, 6, 6, 8 \quad \left(\frac{5}{8}\right) \\ &= (5 \text{ numbers}) \quad \textcircled{1} \end{aligned}$$

$$\frac{5}{8} \quad \textcircled{1}$$

(2)

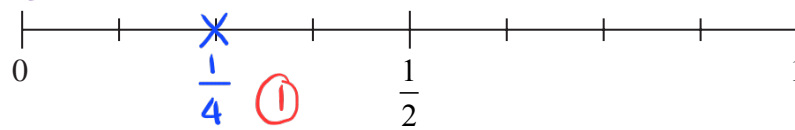
(Total for Question 1 is 4 marks)

2 One of the 8 letters is going to be picked at random.

(b) (i) On the probability scale, mark with a cross (×) the probability that this letter will be B.

B appears 2 times
out of 8 letters.

$$\frac{2}{8} = \frac{1}{4}$$



(1)

(ii) Find the probability that this letter will be C.

C only appears once out of 8 letters -

The probability of it getting
picked will be $\frac{1}{8}$.

$$\frac{1}{8}$$

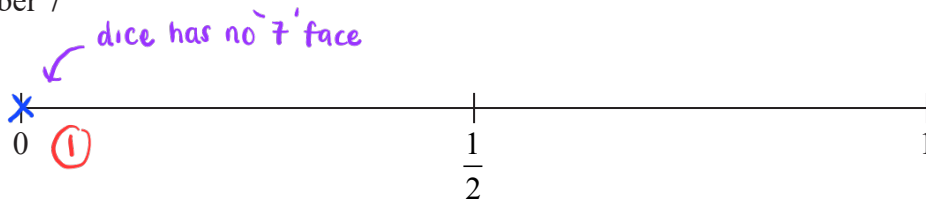
(1)

(Total for Question 2 is 2 marks)

3 Shari has a fair ordinary dice.

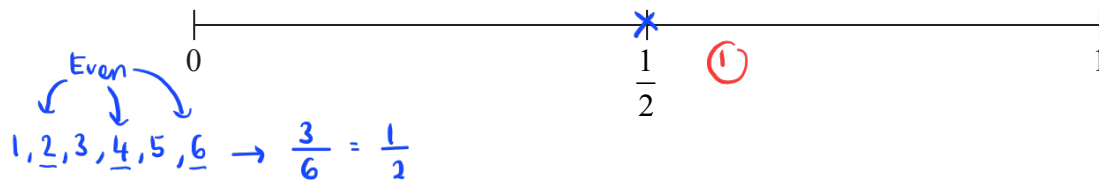
She rolls the dice once.

(a) On the probability scale, mark with a cross (×) the probability that Shari gets the number 7



(1)

(b) On the probability scale, mark with a cross (×) the probability that Shari gets an even number.



(1)

(Total for Question 3 is 2 marks)