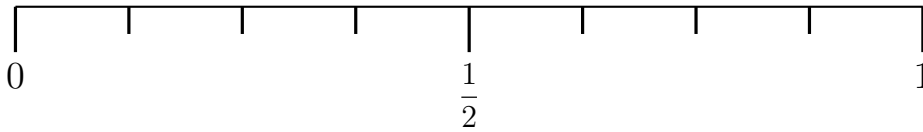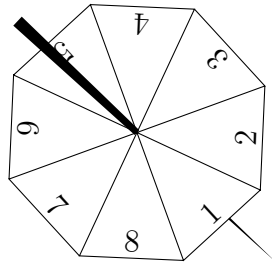1. Una throws a fair coin once.

   (a) On the probability scale below, mark with a cross (×) the probability that Una gets tails.

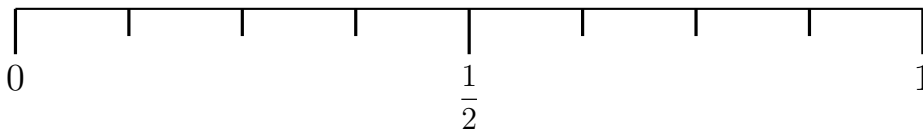   0 $\frac{1}{2}$ 1

   Una has a fair 8-sided spinner.
   The sides of the spinner are labelled 1, 2, 3, 4, 5, 6, 7 and 8.

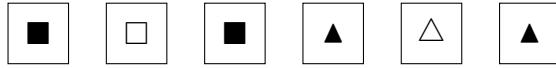   Una spins the spinner once.

   (b) On the probability scale below, mark with a cross (×) the probability that the spinner will land on a number less than 4.
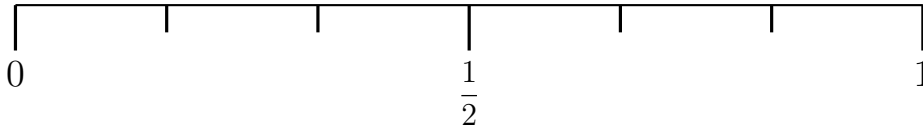
   0                    $\frac{1}{2}$ 1

2. Genevieve puts these tiles in a bag.
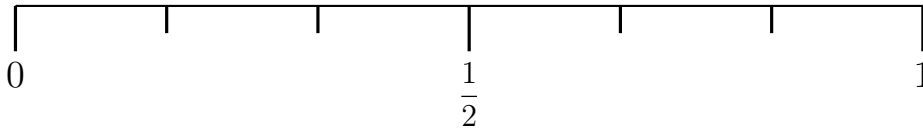
   ■   □   ■   ▲   △   ▲

   Genevieve, shakes the bag and takes a tile, at random, from the bag.

   (a) On the probability scale below, mark with a cross ($\times$) the probability that Genevieve takes a tile with a white shape on it.
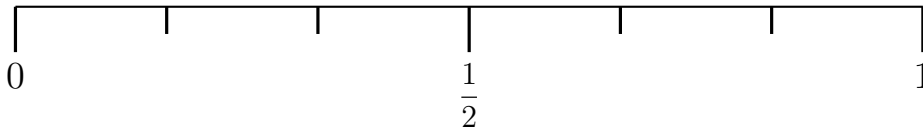
   0          $\dfrac{1}{2}$ 1

   Genevieve rolls an ordinary dice once.

   (b) On the probability scale below, mark with a cross ($\times$) the probability that Genevieve gets more than 1.

   0          $\dfrac{1}{2}$ 1
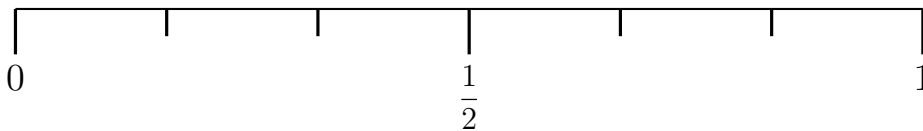
3. Hannah rolls an ordinary dice.

   (a) On the probability scale below, mark with a cross (×) the probability that Hannah gets a 3.

   $$|\quad\quad|\quad\quad|\quad\quad|\quad\quad|\quad\quad|\quad\quad|$$
   0 $\quad\quad\quad\quad\quad\quad$ $\frac{1}{2}$ $\quad\quad\quad\quad\quad\quad$ 1

   Hannah did get a 3.
   Hannah rolls the dice again.

   (b) On the probability scale below, mark with a cross (×) the probability that Hannah gets another 3.

   $$|\quad\quad|\quad\quad|\quad\quad|\quad\quad|\quad\quad|\quad\quad|$$
   0 $\quad\quad\quad\quad\quad\quad$ $\frac{1}{2}$ $\quad\quad\quad\quad\quad\quad$ 1

   Hannah did get a 3.
   Hannah rolls the dice again.

   (c) On the probability scale below, mark with a cross (×) the probability that Hannah gets another 3.

   $$|\quad\quad|\quad\quad|\quad\quad|\quad\quad|\quad\quad|\quad\quad|$$
   0 $\quad\quad\quad\quad\quad\quad$ $\frac{1}{2}$ $\quad\quad\quad\quad\quad\quad$ 1
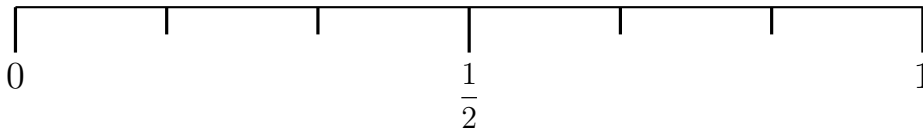
Answers

Q1 (a) mark at $\frac{1}{2}$, (b) mark at $\frac{3}{8}$

Q2 (a) mark at $\frac{1}{3} = \frac{2}{6}$, (b) mark at $\frac{5}{6}$

Q3 (a) mark at $\frac{1}{6}$, (b) mark at $\frac{1}{6}$, (c) mark at $\frac{1}{6}$