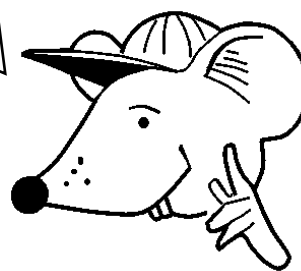


1.

You should be able to give a number to a probability.
These numbers must be between **0** and **1**. They may be fractions or decimals.

Eg. The probability of getting a head when you toss a coin is $\frac{1}{2}$, but this can be written as **0.5**



Can you give a number for the probability of these events happening?

- a) Throwing a die and getting a 2.
- b) Throwing a die and getting an even number.
- c) Throwing a die and getting a zero.
- d) Throwing a die and getting a number greater than 4.
- e) Throwing a die and getting a 1, 2, 3, 4, 5 or 6.
- f) Tossing a coin and getting a tail.
- g) Tossing a coin and getting a 5.
- h) Tossing a coin and getting a head or a tail.
- i) Choosing a heart from a pack of cards.
- j) Choosing the six of spades from a pack of cards.
- k) Choosing one person in your class at random and that person being a girl.

6701-01 Probability (pg 1) Answers

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1. Probabilities here are given as fractions, but equivalent decimals are just as valid.

- a)** $\frac{1}{6}$ **b)** $\frac{1}{2}$ or $\frac{3}{6}$ **c)** 0 **d)** $\frac{2}{6}$ or $\frac{1}{3}$ **e)** 1 or $\frac{6}{6}$ **f)** $\frac{1}{2}$ **g)** 0
h) 1 or $\frac{2}{2}$ **i)** $\frac{1}{4}$ or $\frac{13}{52}$ **j)** $\frac{1}{52}$ **k)** depends on class.