

a What is the probability of an impossible event? <u>0</u> impossible is 0	b Write an even chance as a fraction. <u>$\frac{1}{2}$</u> even chance is a half	c An event has probability 0.7. Is it likely or unlikely? <u>likely</u> words on the probability scale	d Can a probability be 1.2? <u>No</u> no probability is more than 1
e A fair dice is rolled. Find P(4). <u>$\frac{1}{6}$</u> equally likely outcomes	f A fair dice is rolled. Find P(more than 4). <u>$\frac{2}{6} = \frac{1}{3}$</u> an event with more than one outcome	g A bag has 3 red and 5 blue counters. One is picked at random. Find P(red). <u>$\frac{3}{8}$</u> out of the total, not red to blue	h Find P(A) on this spinner  <u>$\frac{3}{5}$</u> repeated labels on a spinner
i Which probability is larger, $\frac{3}{8}$ or $\frac{2}{5}$? <u>$\frac{2}{5}$</u> comparing two probabilities	j A coin lands on heads 9 times in 20 flips. Find the relative frequency of heads. <u>$\frac{9}{20} = 0.45$</u> relative frequency	k Find the relative frequency of B if a spinner lands on A 7 times, B 5 and C 8. <u>$\frac{5}{20} = \frac{1}{4}$</u> relative frequency from several results	l In 50 spins, the relative frequency of red is 0.4. How many reds were there? <u>20</u> a frequency from a relative frequency

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