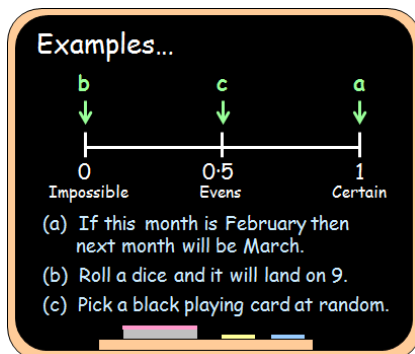
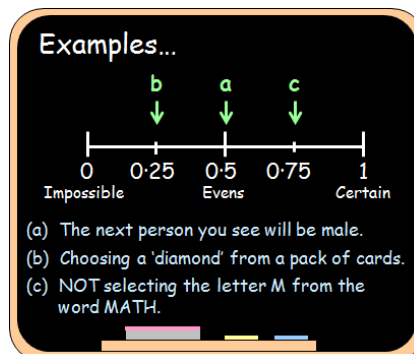


Outcome 1 - Probability Timelines

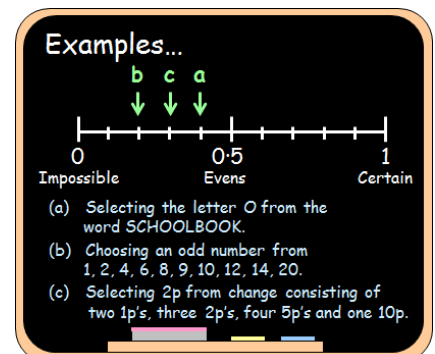
Bronze example



Silver example



Gold example



Bronze Questions

Draw a probability line for each of these sets of events...

- 1 (a) The sun will rise in the morning.
 (b) Picking a red playing card at random.
 (c) If today is Sunday then tomorrow will be Friday.
- 2 (a) You will have a birthday this year.
 (b) The September weekend will be in June next year.
 (c) Roll a dice and it will land on a number more than 3.
- 3 (a) Japan will win the football European Championships.
 (b) The next child you see will be a boy.
 (c) Selecting a consonant from the word 'TRY'.
- 4 (a) Roll a dice and it will land on an odd number.
 (b) You will close your eyes at some point today.
 (c) April will come before March next year.
- 5 (a) July will have more than 31 calendar days next year.
 (b) Picking an odd number from 1, 3, 5, 7, 9.
 (c) Toss a coin and it will land on 'heads'.

Silver Questions

Draw a probability line for each of these sets of events...

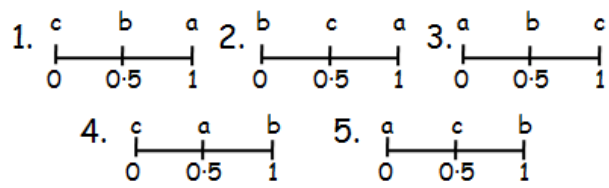
- 1 (a) Roll a dice and it will land on an even number.
 (b) Choosing 'water' at random from the four elements.
 (c) NOT selecting the letter H from the word MATH.
- 2 (a) Picking a black card from a pack of cards.
 (b) Picking a green pen from a box with 1 red and 3 green.
 (c) Picking the 1 bad egg from a box with 4 eggs.
- 3 (a) Choosing a 10p coin from change of 1p, 2p, 5p and 10p.
 (b) Picking a number bigger than 5 from 2, 3, 4, 5, 6, 7, 8, 9.
 (c) Breaking a string on a bass guitar that is NOT the 'A'.
- 4 (a) Bursting a tyre that is NOT the rear right of the car.
 (b) Toss a coin and it will land on 'heads'.
 (c) Choosing a 'spade' from a pack of cards.
- 5 (a) Snapping the 'G' string on a violin.
 (b) An animal picked from 3 lions and a cub will be a lion.
 (c) The next person you see will be male.

Gold Questions

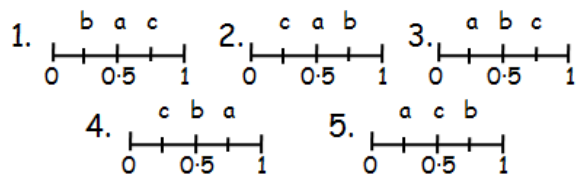
Draw a probability line for each of these sets of events...

- 1 (a) An animal picked from 4 cats and 6 dogs will be a cat.
 (b) Selecting the letter O from the word WORKAHOLIC.
 (c) Rolling a dice and getting an even number.
- 2 (a) Selecting an odd number from 1, 3, 5, 5, 6, 7, 8, 8, 9, 9.
 (b) Picking the 1 bad peach from a bag of 10 peaches.
 (c) The next child you see will be a boy.
- 3 (a) Selecting the letter S from the word CLASSROOMS.
 (b) Picking an apple from a bowl with 8 apples, a pear and a banana.
 (c) Picking a black pen from a box with 4 red and 6 black.
- 4 (a) Selecting the letter A from the word ATTENDANCE.
 (b) Toss a coin and it will land on 'tails'.
 (c) Choosing an even number from 2, 2, 2, 4, 4, 5, 6, 8, 8, 10.

Bronze Answers



Silver Answers



Gold Answers

