

Exercise 2019-8EK-00003(1)

- (1) A die is thrown. What is the probability to:
- (a) throw a factor of twelve?
 - (b) throw a three?
 - (c) throw a seven?
 - (d) throw a compound number?
- (2) On a farm there are 120 cows, 5 bulls and 63 calves. All the cattle are gathered to be weighed. What is the probability that the first one weighed is:
- (a) a bull?
 - (b) not a calf?
 - (c) a cow?
- (3) A box contains 12 red toffees, 6 blue toffees, 4 green toffees and 4 purple toffees. If you take one toffee from the box, what is the probability that the toffee:
- (a) is red?
 - (b) is either blue or green?
 - (c) not purple?
 - (d) is yellow?
- (4) A pack of playing cards (52 cards) is shuffled and then one card is drawn from the pack. What is the probability that the card which is drawn is:
- (a) an ace?
 - (b) a 7 of diamonds?
 - (c) a club, smaller than six?
 - (d) a black heart?