

Worksheet 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?
