Name: Date:

Worksheet

Fractions and Probability - I

1. Find the fractional probability of each of the following experiments.

a. Getting number 6 on a single throw of a regular cubical dice. _____

b. Getting jack of spades from a standard deck of 52 cards if 1 card is picked up randomly. _____

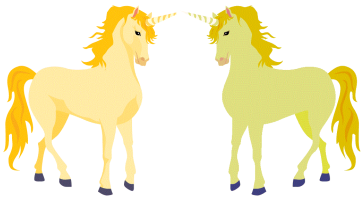
c. Getting an even number if 1 number is picked randomly from a set of 1st 10 natural numbers. _____

d. Getting heads on a single throw of a special coin having tails on both faces. _____

e. Selecting an obtuse angle from the set of acute angles. _____

f. Getting a number greater than 10 from the set of 1st 20 natural numbers. _____

2. What is the fractional probability of picking a horse from set of creatures shown below?

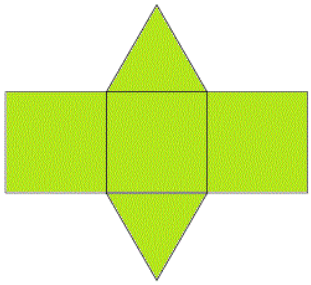


Solution:

3. What is the fractional probability of picking a quadrilateral from the set of polygons shown below?

Solution:

4. What is the fractional probability of choosing a right angle from all the internal angles of the figure shown below?



Solution:

5. True or False?

a. *Fractional probability of getting an ace from standard deck of 52 cards is more than the fractional probability of getting a king.* _____

b. *Probability of getting a number greater than 6 is 0 if a regular 6 faced dice numbered from 1 to 6 is rolled.* _____

c. *Sum of the all the fractional probabilities of an event can't exceed unity.* _____