

ANSWER, FIND, and SHADE PROBABILITY

ANSWERS

Express each probability as a fraction and as a percent. Reduce all fractions to simplest form and round all percents to the nearest whole number. Find and shade both answers in the picture.

Note: Percent signs are not shown in the picture, for example: 15% → 15.

Each letter from the word STATISTICS is written on a card. The cards are placed face down and shuffled. If you pick one card, what is the probability that you pick the letter S or T?

$\frac{3}{5}$ 60%

Bella has 3 red marbles, 7 blue marbles, and 7 yellow marbles in a bag. If Bella picks one marble without looking, what is the probability that it is blue?

$\frac{7}{17}$ 41%

If you roll two 6-sided dice, what is the probability of rolling two even numbers?

$\frac{1}{4}$ 25%

Mikado has 6 red shirts, 5 blue shirts, 8 green shirts, 2 yellow shirts, and 9 white shirts. He closes his eyes and randomly picks a shirt. What is the probability that it is yellow?

$\frac{1}{15}$ 7%

Victoria has 6 tiles spelling the name PASCAL in a bag. She reaches in and picks the letter A. She then puts the letter back and shakes the bag. If she pulls another tile from the bag, what is the probability she picks an A again?

$\frac{1}{3}$ 33%

A card is drawn from a deck of 52 cards. What is the probability of drawing an Ace?

$\frac{1}{13}$ 8%

A 20-sided die is rolled. What is the probability that a 1 is rolled?

$\frac{1}{20}$ 5%

Two 6-sided dice are rolled. What is the probability of rolling a 3 on either of the dice?

$\frac{11}{36}$ 31%

Eighteen tiles are numbered 1-18 and placed in a bag. If one tile can be chosen, what is the probability that it is less than 9?

$\frac{4}{9}$ 44%

