




A ten-sided number cube with the numbers 1–10 on it is rolled. Find the probability of each event. Write each answer as a fraction.

1. $P(3)$
2. $P(1 \text{ or } 2)$
3. $P(4 \text{ or less})$
4. $P(\text{not a multiple of } 3)$
5. A petting zoo has five goats, four camels, and a ferret. If the zookeeper knows that only one animal got out and all animals had an equal chance of getting out, what is the chance that it was the ferret? Write the answer as a fraction, a decimal, and a percent.
6.  **TEST PRACTICE** What is the chance of drawing any king in a deck of 52 cards?
A. $\frac{1}{52}$ B. $\frac{1}{26}$ C. $\frac{1}{13}$ D. $\frac{1}{10}$

ANSWERS

1. $\frac{1}{10}$
2. $\frac{1}{5}$
3. $\frac{2}{5}$
4. $\frac{7}{10}$
5. $\frac{1}{10}$, 0.10, 10%
6. C