

Sample Math Test

- 1 A bag of mixed nuts contains 18 cashews and 45 peanuts. What is the ratio of cashews to peanuts written in its simplest form?
 - A. $18/45$
 - B. $9/15$
 - C. $3/4$
 - D. $2/5$

- 2 Find the balance of a bank account that earns simple annual interest of 10% on \$3,520 for 6 months.
 - A. \$352
 - B. \$3,696
 - C. \$176
 - D. \$3,872

- 3 What is .367 written as a fraction?
 - A. $367/10$
 - B. $367/100$
 - C. $367/1,000$
 - D. $367/10,000$

- 4 Write the product as a power: $3 \times 3 \times 3$
 - A. 3^3
 - B. 3^9
 - C. 3^1
 - D. 1^3

- 5 Which angle measure represents an angle supplementary to a 58° angle?
 - A. 32°
 - B. 58°
 - C. 116°
 - D. 122°

- 6 What is the probability of rolling a five on one roll of a die?
- A. $\frac{1}{3}$
 - B. $\frac{1}{4}$
 - C. $\frac{1}{5}$
 - D. $\frac{1}{6}$
- 7 Find the difference: $-8 - 8$
- A. 0
 - B. -16
 - C. 16
 - D. 8
- 8 "Half of a sphere" is a _____ .
- A. Biosphere
 - B. Metasphere
 - C. Hemisphere
 - D. Duosphere
- 9 Solve the equation for x : $4x(3 + x) = 72$
- A. 15
 - B. 6
 - C. 12
 - D. 18
- 10 Which purchase is the best value?
- A. 15 ears of corn for \$9.25
 - B. 9 ears of corn for \$5.50
 - C. 2 ears of corn for \$1.00
 - D. 7 ears of corn for \$4.00

Thanks for checking out the
Sample Math Test.