

Next Generation ACCUPLACER Arithmetic Practice Test

Section: ACCUPLACER Next Generation Arithmetic Exams • Total Questions: 10 • Format: Verified Q&A

1. Frederica used 13.4 gallons of gasoline to drive 448.9 miles. What was the average number of miles she drove per gallon of gasoline?

- (A) 3.4 mpg
 - (B) 33.5 mpg
 - (C) 60.15 mpg
 - (D) 435.5 mpg
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2. If 40 is 20 percent of a number, then the number is what percent of 40?

- (A) 500%
 - (B) 200%
 - (C) 80%
 - (D) 20%
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3. The repeating decimal 0.111... is equivalent to

- (A) $\frac{1}{7}$
 - (B) $\frac{1}{9}$
 - (C) $\frac{1}{10}$
 - (D) $\frac{1}{11}$
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4. The chart above shows the store's cost and list price for three models of stoves sold by an appliance store. During a 20 percent off sale, Gene bought a Model Y stove from this store. How much profit did the store make on Gene's purchase? (Profit = Price paid - Store's cost)

- (A) \$260
 - (B) \$380
 - (C) \$590
 - (D) \$760
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5. Which of the following inequalities is true?

- (A) $0.7 < 0.1 < 0.11 < 0.101$
 - (B) $0.1 < 0.7 < 0.101 < 0.11$
 - (C) $0.1 < 0.7 < 0.11 < 0.101$
 - (D) $0.1 < 0.101 < 0.11 < 0.7$
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6. Ben bought an item in a grocery store marked at \$8, and the total bill with sales tax was \$8.28. What was the sales tax rate?

- (A) 35%
 - (B) 7%
 - (C) 3.50%
 - (D) 2.80%
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7. Marisol has $5 \times$ as many books as Jerry. Jerry has 15 books. How many books does Marisol have?

- (A) 10
 - (B) 20
 - (C) 75
 - (D) 225
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8. Which of the following integers, when rounded to the nearest thousand, results in 2,000?

- (A) 2,567
 - (B) 1,499
 - (C) 1,097
 - (D) 1,601
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9. $2 + (2 \times 2) + 2 =$

- (A) 8
 - (B) 10
 - (C) 12
 - (D) 16
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10. $50.50 \div 0.25$

- (A) 202
 - (B) 2.2
 - (C) 2.02
 - (D) 0.22
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