

ATI TEAS 7 Math Practice Questions

Section: ATI TEAS 7 Math Exams • Total Questions: 10 • Format: Verified Q&A

1. If a data set contains the numbers 5, 8, 10, 12, and 15, which of the following statements about the data set is true?

- (A) The median is greater than the mean.
 - (B) The range is less than the median.
 - (C) The median is equal to the mean.
 - (D) The mean is greater than the median.
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2. A student performs the following estimations: $24 + 190 = 210$, $151 + 319 = 470$, $974 + 1022 = 1990$. Based on these estimations, what is the student's estimate of $452 + 5017$?

- (A) 5430
 - (B) 5470
 - (C) 5500
 - (D) 5400
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3. What is the decimal equivalent of $7/25$?

- (A) 0.28
 - (B) 3.4
 - (C) 0.18
 - (D) 3.57
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4. Simplify the expression: $[2(3 + 5 - 3)] / (12 + 2)$. What is the result of this expression?

- (A) 12
 - (B) 1
 - (C) 8
 - (D) 2.57
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5. Which of the following numbers is an outlier in the data set below? 7, 9, 10, 10, 12, 14, 43

- (A) 43
 - (B) 10
 - (C) 14
 - (D) 7
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6. A sweater that normally sells for \$87 is marked 25% off. Which of the following estimates the sale price of the sweater?

- (A) \$36
 - (B) \$65
 - (C) \$51
 - (D) \$22
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7. What is the value of x in the equation $18x - 4 = 12$?

- (A) -10
 - (B) $x = -3/2$ or $x = 1/2$
 - (C) $x = -1$ or $x = 2$
 - (D) $x = -1/2$ or $x = 3/2$
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8. A consumer makes a \$400 down payment on a television that costs \$1,570. How many months will it take to pay off the television with monthly payments of \$100? (Assume no interest)

- (A) 16
 - (B) 12
 - (C) 11
 - (D) 15
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9. After spending 80% of her \$60, Lana is left with how much money when she invests the remaining amount and earns an 80% profit?

- (A) \$21.60
 - (B) \$9.60
 - (C) \$86.40
 - (D) \$60.00
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10. A circle has an area of 49? square inches. What is the circumference of the circle in terms of pi?

- (A) 7? inches
 - (B) 28? inches
 - (C) 14? inches
 - (D) 3.5? inches
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