

Free ATI TEAS 7 Math Practice Test

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

1. Which of the following expressions represents the sum of three $\times$ a number and eight $\times$ another number?

- (A) $3x + 8x$
- (B) $3x + 8y$
- (C) $8x - 3y$
- (D) $3x - 8y$

2. Which of the following values is the greatest?

- (A) $\{9/2\}$
- (B) $\{10/3\}$
- (C) 4.4
- (D) 4.25

3. A child has a bottle full of pennies, nickels, dimes, and quarters. There are twice as many quarters as pennies, four $\times$ as many nickels as pennies, and five $\times$ as many dimes as nickels. How many more dimes does the child have than quarters?

- (A) 10 $\times$ as many
- (B) 4 $\times$ as many
- (C) 5 $\times$ as many
- (D) 29 $\times$ as many

4. The table lists statistics from a quarterback's first four games of the season. In which of the following weeks does the quarterback have the highest average yards per completion? [Table: Week 1: 22 comp, 38 att, 313 yds, 57.9%; Week 2: 26 comp, 45 att, 304 yds, 62.2%; Week 3: 24 comp, 38 att, 314 yds, 63.2%; Week 4: 18 comp, 27 att, 256 yds, 66.7%]

- (A) Week 4
- (B) Week 1
- (C) Week 3
- (D) Week 2

5. Which of the following pairs of fractions is equivalent?

- (A) $\frac{5}{9}$ and $\frac{45}{72}$
 - (B) $\frac{4}{5}$ and $\frac{7}{4}$
 - (C) $\frac{2}{3}$ and $\frac{10}{15}$
 - (D) $\frac{3}{8}$ and $\frac{8}{13}$
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6. In May, the price of a gallon of gasoline was \$4.00. In June, the price went up to \$4.20. Which of the following is the percent of increase in the cost of gasoline from May to June?

- (A) 5.00%
 - (B) 0.50%
 - (C) 0.48%
 - (D) 4.80%
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7. A store sells two kinds of candles, scented and unscented. The scented candles burn $\frac{1}{12}$ inch in 20 min. The unscented candles burn $\frac{1}{6}$ inch in 30 min. Which type of candle burns faster in 1 hour and what is its burn rate?

- (A) The scented candles burn faster, at a rate of $\frac{1}{4}$ inch/hr.
 - (B) The scented candles burn faster, at a rate of $\frac{1}{3}$ inch/hr.
 - (C) The unscented candles burn faster, at a rate of $\frac{1}{3}$ inch/hr.
 - (D) Both candles burn at the same rate of $\frac{1}{4}$ inch/hr.
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8. Which of the following fractions is closest to 55.5%?

- (A) $\frac{5}{9}$
 - (B) $\frac{6}{10}$
 - (C) $\frac{4}{9}$
 - (D) $\frac{5}{6}$
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9. Which of the following expressions has the greatest value?

- (A) $34 + 96$
 - (B) 0.372
 - (C) 03-Aug
 - (D) 37%
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10. A recipe calls for $2\frac{1}{2}$ cups of flour to yield 36 cookies. How much flour will be needed to make 90 cookies using the same recipe?

- (A)** $6\frac{1}{2}$ cups
- (B)** $10\frac{1}{2}$ cups
- (C)** $5\frac{1}{2}$ cups
- (D)** $4\frac{1}{2}$ cups