ATI TEAS 7 Math Practice Test

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

1. A person weighed 180 lb. Three months later, they weighed 160 lb. What is the percentage of weight the person lost over 3 months? (Round to the nearest percent.)

(A) 13%
(B) 20%
(C) 10%
(D) 5%

2. A nurse needs to administer medication to a patient who weighs 170 pounds. If the dosage is 2 milligrams per kilogram, how much medication should the nurse administer in milligrams? (Round your answer to the nearest whole number.) Hint: 1 pound = 0.454 kilograms

(A) 77 milligrams
(B) 374 milligrams
(C) 154 milligrams
(D) 187 milligrams

3. A recipe requires 3 cups of milk, but the only tool available is a household measuring cup that uses pints. How many pints of milk are needed for the recipe? Note: 1 pint = 2 cups

(A) 1.5 pints
(B) 3 pints
(C) 6 pints
(D) 2.5 pints

4. A teacher has asked all the students in the class which days of the week they get up after 8 a.m. Which of the following is the best way to display the frequency for each day of the week?

(A) Histogram
(B) Scatterplot
(C) Bar graph
(D) Pie graph

5. If X represents the width of a rectangle and the length is four less than three × the width, which of the following expressions represents the length of the rectangle in terms of X?

(A) 3x - 4
(B) 4x - 3
(C) 4 - 3x
(D) 3 - 4x

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6. Which of the following values is the range of the following data set? 15, 22, 8, 30, 14, 10, 25

(A) 15
(B) 18
(C) 22
(D) 7

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(A) Pie graph
(B) Histogram
(C) Bar graph
(D) Scatterplot

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8. A gumball machine contains red, orange, yellow, green, and blue gumballs. Twenty percent of the gumballs are red, 30% are orange, 5% are yellow, 10% are green, and the rest are blue. If there are a total of 120 gumballs, how many more blue gumballs are there than yellow gumballs?

(A) 48
(B) 36
(C) 30
(D) 42

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9. A rectangular garden measuring 12 meters (m) long and 9 meters wide is divided into three sections with the same area. Which of the following is the area allocated to each section in meters squared (m2)?

(A) 36 m2
(B) 54 m2
(C) 27 m2
(D) 14 m2

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10. Which of the following inequalities is the solution to the inequality below?

(A) x > -2

(B) x > -6/5

(C) x < -2

(D) x < -6/5