

NLN NEX Math Quizlet

Section: NLN NEX Math Exams • Total Questions: 10 • Format: Verified Q&A

1. Given that 3 feet (ft) = 1 yard (yd) and 3.281 ft = 1 meter, approximately how many meters is 1 yd?

- (A) 1.09 meters
 - (B) 3.657 meters
 - (C) 3.0 meters
 - (D) 0.94 meters
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2. Solve for X: $3(X+2)=21$

- (A) -5
 - (B) -6.33333
 - (C) -9
 - (D) 5
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3. If one kilogram weighs about 35 ounces, how many grams (g) are there in 2 ounces? (Round to the nearest gram)

- (A) 56 g
 - (B) 58 g
 - (C) 59 g
 - (D) 57 g
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4. A student who can read 4 graphic novels in 6 hours bought a 24-volume graphic novel series. How many hours would it take the student to read the whole series?

- (A) 36 hours
 - (B) 24 hours
 - (C) 96 hours
 - (D) 1.6 hours
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5. Seven $\times$ a number (n) plus eight is thirty-six. What is the number n?

- (A) 6.3
 - (B) 5.4
 - (C) 4
 - (D) 3.6
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6. Compute the mean of the data set shown in the table below.

- (A) 17
 - (B) 20
 - (C) 24
 - (D) 25
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7. 15 is 25% of what number?

- (A) 12
 - (B) 60
 - (C) 45
 - (D) 30
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8. This question refers to the graph below, which shows admissions to a hospital during a given week. What was the average number of admissions over Friday, Saturday, and Sunday?

- (A) 36
 - (B) 37
 - (C) 40
 - (D) 43
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9. In a recent survey, 223 out of 1338 respondents stated that they suffered from diabetes. Rounded to the nearest tenth, what percent of the survey respondents suffer from diabetes?

- (A) 13.40%
 - (B) 6.00%
 - (C) 22.30%
 - (D) 16.70%
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10. A wooden beam is 5 feet (ft), 4 inches (in) long. Given $1 \text{ ft} = 12 \text{ in}$, what is the length of the beam in inches?

- (A) 108 inches
 - (B) 64 inches
 - (C) 9 inches
 - (D) 60 inches
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