

NEX Math Practice

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

1. A hospital spends \$364,468 per year (52 weeks) on electricity. On average, how much does it spend per week on electricity?

- (A) \$7,090
 - (B) \$7,009
 - (C) \$709
 - (D) \$79
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2. Three-eighths of a yard is the same as what percent of a yard?

- (A) 37.50%
 - (B) 23%
 - (C) 62.50%
 - (D) 40%
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3. One quart equals 0.9 liters (L). How many liters equal 4.5 quarts?

- (A) 4.59 L
 - (B) 5 L
 - (C) 3.6 L
 - (D) 4.05 L
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4. What is $\frac{1}{2}$ of $(6 + 3 + 9 + 7)$?

- (A) 14
 - (B) 12.5
 - (C) 3.5
 - (D) 11.5
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5. A 14-inch piece of wood is going to be cut so that one of the pieces is 4 inches shorter than the other. How long is the shorter piece?

- (A) 5 inches
 - (B) 9 inches
 - (C) 4 inches
 - (D) 10 inches
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6. A snack consists of 2 oz Swiss cheese, six whole wheat crackers, and 1.5 tablespoons of milk in a cup of coffee. One ounce of Swiss cheese provides 7.7 grams of protein, each cracker provides 0.4 gram of protein, and 2 tablespoons of milk provides 1.1 grams of protein. How much protein does this snack provide?

- (A) 19.45 g
 - (B) 18.625 g
 - (C) 17.925 g
 - (D) 9.2 g
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7. Given that 1000 milliliters (ml) = 1 liter (L), how many liters is 12 ml?

- (A) 0.12
 - (B) 120
 - (C) 0.012
 - (D) 120
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8. Person A had 6 melons, Person B had 5 carrots, Person C had 20 grapes. If 10 grapes are worth 1 carrot and 5 carrots are worth 1 melon, how many grapes are worth 6 melons?

- (A) 60
 - (B) 30
 - (C) 120
 - (D) 300
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9. Given 60 seconds to a minute and 24 hours to a day, how many seconds are in one year?

- (A) 31,536,000
 - (B) #####
 - (C) 8,760
 - (D) 525,000
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10. Given that 3 feet (ft) = 1 yard (yd) and 3.281 ft = 1 meter, approximately how many meters is 1 yd?

- (A) 3.657 meters
- (B) 0.914 meters
- (C) 1.094 meters
- (D) 3.0 meters