NLN NEX Math Practice Test

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

1. 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) 30
(B) 120
(C) 60
(D) 300

2. Person A has $60, and Person B has $50. Person A is saving $10 per week, and Person B is saving $15 per week. How many weeks do they need to save before they have the same amount of money?

(A) 2 weeks
(B) 2.7 weeks
(C) 10 weeks
(D) 5 weeks

3. The weights in pounds of four patients are: Patient A: 43 pounds, Patient B: 93 pounds, Patient C: 150 pounds, Patient D: 210 pounds. Given 1 kg is approximately 2.2 pounds, which patient's weight is approximately 95 kg?

(A) Patient B
(B) Patient A
(C) Patient C
(D) Patient D

4. The Federal Drug Administration (FDA) recommends that the average person consumes no more than 1300 milligrams, mg of calcium each day. Given 1000 mg = 1 g, if a person has already consumed 0.5 g of calcium in a day, what is the maximum number of mg of calcium they can still consume in that same day?

(A) 12.5 mg
(B) 800 mg
(C) 10.8 mg
(D) 1299.5 mg

5. If 6% of x = 2.4, then x = ?

(A) 4
(B) 0.144
(C) 40
(D) 1.44

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6. Nurse A is responsible for 1/4 of the patients on the floor. If Nurse B takes 1/2 of Nurse A's patients, what fraction of the total patients on the floor are Nurse B's responsibility?

(A) 3/4
(B) 1/8
(C) 1/6
(D) 1/4

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7. Given that 1 foot (ft) = 12 inches (in) and 1 in = 2.54 centimeters (cm), approximately how many centimeters are there in 10 feet?

(A) 30.5 cm
(B) 47 cm
(C) 25 cm
(D) 360 cm

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8. A personal trainer's workout recommendations are: 1/3 focus on cardiovascular fitness, 1/2 focus on strength training, remaining focus on stretching. According to this recommendation, approximately what percent of a person's workouts should focus on stretching? (Round your answer to the nearest whole percent.)

(A) 83%
(B) 17.00%
(C) 80%
(D) 20%

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9. Which of these decimals equals one-half of one percent?

(A) 0.0005
(B) 0.05
(C) 0.005
(D) 0.5

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10. A track event consists of the following race lengths in meters (m): 100 m, 200 m, 400 m, 800 m, 1,500 m, 5,000 m, 10,000 m. Given 1000 m = 1 kilometer (km), how many km would an athlete run if competing in all the races?

(A) 17,000 km

(B) 18 km

(C) 18,000,000 km

(D) 19,000 km