

HESI A2 Practice Test Math

Section: HESI A2 Math Exams • Total Questions: 10 • Format: Verified Q&A

1. The metric system of measurement was developed in France during Napoleon's reign. It is based on what multiplication factor?

- (A) The length of Napoleon's forearm
 - (B) 2
 - (C) 10
 - (D) Atomic weight of helium
-

2. Convert the military time 0056 to 12-hour time.

- (A) 12:56 P.M.
 - (B) 12:56 A.M.
 - (C) 1:56 A.M.
 - (D) 1:56 P.M.
-

3. Round to the nearest whole number. Change the fraction to a percent: $\frac{2}{9}$

- (A) 20%
 - (B) 21%
 - (C) 23%
 - (D) 22%
-

4. Change 0.26 to a fraction =

- (A) $\frac{7}{8}$
 - (B) $\frac{13}{50}$
 - (C) $\frac{26}{100}$
 - (D) $2\frac{6}{10}$
-

5. What is the result of adding 6, 12.55, and 5.022 together?

- (A) 18.55
 - (B) 23.572
 - (C) 30.025
 - (D) 16.575
-

6. What is the result of dividing 18.104 by 0.002?

- (A) 9052
 - (B) 0.09052
 - (C) 9.052
 - (D) 9.52
-

7. One side of a 6-sided die is numbered 4, 9, 12, 16, 20, and 24. What is the probability of rolling an even number?

- (A) $\frac{5}{6}$
 - (B) $\frac{3}{4}$
 - (C) $\frac{2}{3}$
 - (D) $\frac{1}{3}$
-

8. Convert 11:32 A.M. to Military time. (Enter the numerical value only.)

- (A) 1132
 - (B) 1232
 - (C) 1032
 - (D) 1112
-

9. Subtract: $15.7 - 9.8 =$

- (A) 6.1
 - (B) 8.96
 - (C) 5.9
 - (D) 4.3
-

10. Multiply: $\frac{2}{3} \times \frac{3}{5} =$

- (A) $\frac{3}{4}$
 - (B) $\frac{1}{3}$
 - (C) $\frac{2}{5}$
 - (D) $\frac{11}{9}$
-