

Math HESI A2 Practice Test

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

1. Multiply: $(88)(7.08) =$

- (A) 862.5
 - (B) 88.04
 - (C) 64.252
 - (D) 623.04
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2. How many cakes are needed to serve a group of 70 students and 3 staff members if each cake provides 24 servings?

- (A) 4
 - (B) 2
 - (C) 3
 - (D) 5
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3. Solve for X: $2X + 90 = 270$. (Enter the numerical value only, rounded to the nearest whole number.)

- (A) 90
 - (B) 80
 - (C) 75
 - (D) 100
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4. Subtract: $32.21 - 4.68 =$

- (A) 14.53
 - (B) 27.53
 - (C) 1.459
 - (D) 27.53
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5. A young adult is running a 24-mile course. If they run the first 6 miles in 1 hour, the second 6 miles in 1.2 hours, the third 6 miles in 1.5 hours, and the fourth 6 miles in 1.6 hours, how long will it take them to complete the run? (Round to the nearest tenth.)

- (A) 5.3
 - (B) 5.6
 - (C) 5.8
 - (D) 6
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6. How many ounces are equivalent to 3 gallons?

- (A) 256 oz.
 - (B) 42 oz.
 - (C) 128 oz.
 - (D) 384 oz.
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7. What is the result of adding $\frac{2}{3} + \frac{1}{6} + \frac{2}{5}$?

- (A) $\frac{1}{3}$
 - (B) $\frac{2}{5}$
 - (C) $1 \text{ \& } \frac{7}{30}$
 - (D) $1 \text{ \& } \frac{1}{15}$
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8. How many pints are in 56 ounces?

- (A) 4
 - (B) 3.5
 - (C) 3
 - (D) 5
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9. If the quotient is 4 and the dividend is 12, what is the divisor?

- (A) $\times$
 - (B) 4
 - (C) 3
 - (D) 12
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10. Subtract $2 \frac{5}{8} - \frac{7}{8}$ and reduce.

- (A) $1 \text{ \& } \frac{5}{8}$
 - (B) $1 \text{ \& } \frac{1}{4}$
 - (C) $1 \text{ \& } \frac{6}{8}$
 - (D) $1 \text{ \& } \frac{3}{4}$
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