

HESI A2 Math Practice Test

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

1. $1.2:x::14:42 =$

- (A) 0.6
 - (B) 3.6
 - (C) 1.2
 - (D) 2.4
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2. To ride a certain amusement park attraction, a person must be 48 inches tall. How many feet tall must a person be to meet this requirement? (Enter a numeric value only.)

- (A) 4
 - (B) 5
 - (C) 6
 - (D) 3
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3. What is the sum of the following numbers with all decimal places reported: $3.7 + 7.289 + 4 = ?$

- (A) 14.989
 - (B) 5.226
 - (C) 15
 - (D) 15.07
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4. What is the result of adding 4.934, 7.1, and 9.08 together?

- (A) 21.114
 - (B) 21.042
 - (C) 20.214
 - (D) 59.13
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5. In a class of 25 students, 44% are boys. How many boys are there?

- (A) 10 boys
 - (B) 11 boys
 - (C) 9 boys
 - (D) 13 boys
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6. Find x: $40:5 = 60:x$

- (A) 7.5
 - (B) 1.5
 - (C) 12
 - (D) 15
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7. Ratio and Proportion: $4:10 :: 5:X$

- (A) $X = 10.5$
 - (B) $X = 20$
 - (C) $X = 12.5$
 - (D) $X = 25$
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8. If 5 is to 30 as X is to 1, find the value of X. (Round to the nearest tenth.)

- (A) 6
 - (B) 5.5
 - (C) 5
 - (D) 4.5
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9. What is 75 multiplied by 2.2 rounded to the nearest tenth?

- (A) 34.1
 - (B) 34.09
 - (C) 35
 - (D) 34
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10. Solve for the value of x if $x=11$. $x + 44 / 2x =$

- (A) 33
- (B) 2.5
- (C) 13
- (D) $55/22$