

# Hesi Math Practice Worksheets

## HESI A2 - Math - Practice Exam

How many ounces are there in a gallon?

128 ounces (oz)

What is 70% of 65?

45.5 =  $.7 \times 65$

For a recipe, there are 3 eggs needed for every pound of cake needed. How many pounds of cake can be made if there are 40 eggs?

13 pounds of cake

Evaluate:  $x^4 - y$  if  $x = 3$  and  $y = 20$

61

Subtract:  $1001 - 99 =$

902

Add:  $9.43 + 11.3 =$

20.73

Multiply:  $(226)(55.3) =$

12,497.8

How many millimeters are there in 5 meters?

5,000 ml

Which of the following is equivalent to 0.0009?

0.09%

Write the number 1906 in Roman numerals.

MCMVI

Convert the following military time to regular time: 15:17:52 hours

3:17:52 PM

Solve:  $2 - 8 \div (2^4 \div 2) =$

1

Solve the proportion (find the value of x):

9:14 :: x:56

**HESI math practice worksheets** are an essential resource for nursing students preparing for the Health Education Systems, Inc. (HESI) entrance exam. This exam assesses students' readiness for nursing programs by evaluating their knowledge in various subjects, including mathematics. HESI math practice worksheets can help students sharpen their math skills, boost their confidence, and improve their chances of success on the exam. In this article, we will explore the importance of these worksheets, key topics covered, tips for effective studying, and additional resources to enhance your preparation.

# Importance of HESI Math Practice Worksheets

HESI math practice worksheets serve several important functions in a nursing student's study plan:

1. **Skill Reinforcement:** These worksheets provide students with ample opportunities to practice essential math skills, including basic arithmetic, algebra, ratios, and conversions. Regular practice helps reinforce these skills and improves retention.
2. **Familiarization with Exam Format:** The HESI exam has a specific format and style of questions. Practice worksheets mimic the types of questions students will encounter on the actual exam, helping to reduce anxiety and increase familiarity.
3. **Self-Assessment:** By working through practice worksheets, students can identify areas where they need improvement. This self-assessment allows for targeted study, ensuring that students focus on their weaknesses.
4. **Time Management:** The HESI exam is timed, and practice worksheets can help students develop the ability to manage their time effectively while solving math problems.

## Key Topics Covered in HESI Math Practice Worksheets

HESI math practice worksheets typically cover a range of topics that are crucial for success on the exam. Some of the key areas include:

### 1. Basic Arithmetic

- Addition, subtraction, multiplication, and division
- Order of operations (PEMDAS/BODMAS)
- Fractions, decimals, and percentages

### 2. Algebra

- Solving linear equations
- Understanding variables and expressions
- Working with inequalities

### 3. Ratios and Proportions

- Understanding and calculating ratios

- Solving proportion problems
- Applications in real-world scenarios

## **4. Measurement and Conversion**

- Metric and imperial units
- Converting between different units of measurement (e.g., liters to gallons, inches to centimeters)
- Understanding and calculating area, volume, and perimeter

## **5. Word Problems**

- Translating word problems into mathematical equations
- Identifying relevant information and determining the required operation
- Practicing multi-step problems

# **Tips for Effective Study Using HESI Math Practice Worksheets**

Studying with HESI math practice worksheets can be highly effective if approached strategically. Here are some tips to maximize your study sessions:

## **1. Create a Study Schedule**

- Allocate specific times for math practice in your weekly study plan.
- Break down topics into manageable sections and focus on one area at a time.

## **2. Use a Variety of Worksheets**

- Seek out different worksheets that cover a range of difficulty levels.
- Incorporate both digital and printed worksheets for variety.

## **3. Practice Regularly**

- Consistency is key. Aim for daily or weekly practice sessions.
- Regularly revisiting topics helps reinforce skills and knowledge.

## **4. Review Mistakes**

- After completing a worksheet, spend time reviewing any incorrect answers.
- Understand the reasoning behind the correct answer and learn from your mistakes.

## **5. Simulate Exam Conditions**

- Time yourself when completing practice worksheets to mimic the exam environment.
- This practice can help improve your time management skills and reduce test anxiety.

## **Additional Resources for HESI Math Preparation**

In addition to using math practice worksheets, there are several other resources that can enhance your HESI exam preparation:

### **1. Online Practice Tests**

- Many websites offer free or paid practice tests that simulate the HESI exam format.
- These tests provide a comprehensive review and can highlight areas needing further attention.

### **2. Study Guides and Textbooks**

- Invest in HESI study guides that provide detailed explanations of math concepts.
- Textbooks that cover nursing mathematics can also be beneficial.

### **3. Tutoring and Study Groups**

- Join study groups with peers to discuss challenging topics and share resources.
- Consider hiring a tutor if you find certain areas particularly difficult.

### **4. Educational Apps and Websites**

- Utilize educational apps that offer math practice and quizzes.
- Websites dedicated to nursing exam preparation often feature interactive resources and forums.

## **Conclusion**

HESI math practice worksheets are a vital tool for nursing students preparing for the HESI entrance exam. They provide essential practice in key math topics, help students familiarize themselves with the exam format, and allow for self-assessment and improvement. By creating a structured study plan,

utilizing a variety of resources, and practicing regularly, students can boost their confidence and improve their chances of success on the exam. Remember, consistent practice and a positive attitude can make all the difference in your preparation journey. Good luck!

## **Frequently Asked Questions**

### **What are HESI math practice worksheets?**

HESI math practice worksheets are study materials designed to help nursing students prepare for the math portion of the HESI (Health Education Systems, Inc.) exam, which assesses mathematical skills necessary for nursing.

### **Where can I find HESI math practice worksheets?**

HESI math practice worksheets can be found on educational websites, nursing school resources, and platforms like Etsy or Teachers Pay Teachers, as well as through official HESI study guides.

### **What topics are typically covered in HESI math practice worksheets?**

HESI math practice worksheets usually cover topics such as dosage calculations, conversions, fractions, decimals, percentages, and basic algebra relevant to nursing.

### **How can HESI math practice worksheets help with exam preparation?**

These worksheets provide practice problems that mimic the types of questions found on the HESI exam, helping students build confidence, improve their calculation skills, and familiarize themselves with the exam format.

### **Are there any free resources for HESI math practice worksheets?**

Yes, many educational websites and nursing forums offer free HESI math practice worksheets and sample questions to help students prepare without incurring costs.

### **How often should I practice with HESI math worksheets?**

It's recommended to practice with HESI math worksheets regularly, ideally setting aside time daily or several times a week to reinforce skills and improve problem-solving speed before the exam.

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