

HiSET Math Mini Practice Test with Answers

Original Effortless Math practice. This is not an official exam form. Work carefully, then use the answer key and explanations to review.

How to use this mini test: complete the questions without notes, show enough work that you can explain your thinking, and score the page only after the full set is finished. A short practice test is most useful when it tells you what to study next.

Review targets: mark each missed question as arithmetic, algebra, geometry, data, graph reading, or word-problem setup. Then solve one similar problem before moving to a full-length practice test.

1. Simplify $6(2x - 3)$.

- A. $12x - 3$
- B. $12x - 18$
- C. $8x - 18$
- D. $12x + 18$

2. What is $\frac{3}{4} + \frac{2}{3}$?

- A. $\frac{5}{7}$
- B. $\frac{13}{12}$
- C. $\frac{17}{12}$
- D. $\frac{5}{12}$

3. A data set has values 8, 10, 10, 12. What is the mean?

- A. 9
- B. 10
- C. 11
- D. 12

4. Solve $x/5 = 9$.

- A. $x = 4$
- B. $x = 14$
- C. $x = 45$
- D. $x = 50$

5. What is the perimeter of a square with side length 6?

- A. 12
- B. 18
- C. 24
- D. 36

6. Which is greatest?

- A. 0.7

B. $\frac{2}{3}$

C. 65%

D. 0.62

7. If 5 notebooks cost \$12.50, what is the cost per notebook?

A. \$2.00

B. \$2.25

C. \$2.50

D. \$3.00

8. Solve $2x + 7 = 19$.

A. $x = 5$

B. $x = 6$

C. $x = 7$

D. $x = 13$

Answer Key and Explanations

1. B - Distribute 6 to both terms: $12x - 18$.
2. C - Use denominator 12: $9/12 + 8/12 = 17/12$.
3. B - The sum is 40 and there are 4 values, so mean is 10.
4. C - Multiply both sides by 5.
5. C - A square has four equal sides: $4 \times 6 = 24$.
6. A - 0.7 is greater than 0.666..., 0.65, and 0.62.
7. C - Divide total cost by number of notebooks: $12.50 / 5 = 2.50$.
8. B - Subtract 7 to get $2x = 12$, then divide by 2.

Study Log

1. My strongest topic in this set was: _____
2. My weakest topic in this set was: _____
3. The mistake I need to stop repeating is: _____
4. The next topic I will practice is: _____
5. One problem I should solve again tomorrow is number: _____

A good review is not just checking letters. It is naming the skill, correcting the method, and proving that the next similar question can be solved without help.