GRADE 6 · RIDDLE PRACTICE (Special Ed) Name _____ Date _____ Per _____

RIDDLE: What is always in front of you but can't be seen?

Lesson 7-5 Represent Solid Figures Using Nets

Directions: Solve every problem and write your answer on the line. Inside each set, every lettered problem has a twin: one numbered problem with the very same answer. Write the letter in the answer box that has the twin's number to reveal the punchline.

SET 1 7-5a Classify Solids

F. How many faces does a triangular pyramid have? _____

R. How many vertices does a pentagonal prism have? _____

U. How many faces does a hexagonal pyramid have? _____

4. How many vertices does a triangular pyramid have? _____

5. How many vertices does a hexagonal pyramid have? _____

8. How many edges does a pentagonal pyramid have? _____

SET 2 7-5b Identify a Solid Figure from a Net

E. Which pyramid has a triangle base and 3 triangular lateral faces? _____

E. Name the solid with 7 faces, 15 edges and 10 vertices. _____

U. A net has 1 hexagon and 6 triangles. What solid does it fold into? _____

3. A net is made of 4 triangles. What solid does it fold into? _____

7. Name the solid with 7 faces, 12 edges and 7 vertices. _____

9. A net has 2 pentagons and 5 rectangles. What solid does it fold into? _____

SET 3 7-5c Draw a Net of a Solid Figure

T. Net: a square (side 3) + 4 triangles (base 3, height 1). Net area? _____

T. Find the total area of the net of a 2 × 3 × 3 box. _____

H. Net: a square (side 5) + 4 triangles (base 5, height 4). Net area? _____

1. Area of the largest rectangle in the net of a 2 × 3 × 5 box? _____

2. Area of the largest rectangle in the net of a 1 × 5 × 13 box? _____

6. Area of the largest rectangle in the net of a 2 × 6 × 7 box? _____

ANSWER BANK each answer is used twice (one letter + one number): 42 hexagonal pyramid 7 4 10 65 pentagonal prism 15 triangular pyramid

ANSWER:

1	2	3		4	5	6	7	8	9	!

© 2026 Math Teacher Prints · Grade 6 · 7-5 Riddle · Special Ed Personal classroom use only

Preview - the full worksheet and its answer key are at primeworksheet.com