

Student worksheet

Focus

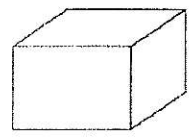
Understanding geometric language (vertex, face, edge)

Question 1

Alex painted **all** the faces of a cube.

How many faces did Alex paint?

- ☐ 12
- ☐ 8
- ☐ 7
- ☐ 6
- ☐ 3

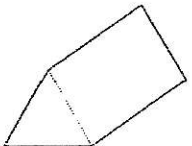


Question 3

- ☐
- ☐
- ☐
- ☐
- ☐

Which of these objects have 6 faces, 8 corners, and 12 edges?

Question 2



Write the answer on the line.



A triangular prism has _____ edges and _____ faces.

Question 4

An object has a flat circular base, a curved surface and a vertex.

What is the shape?

- ☐ a cylinder
- ☐ a prism
- ☐ a sphere
- ☐ a cone

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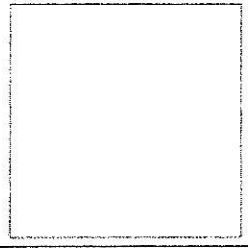
Naming and describing polygons

Question 1

Draw two lines to divide the square opposite into three rectangles.

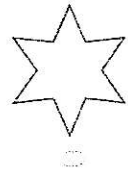
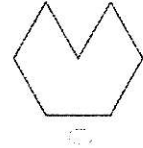
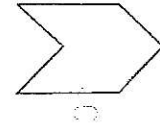


Draw lines.



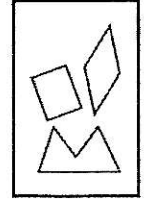
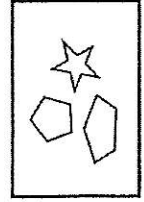
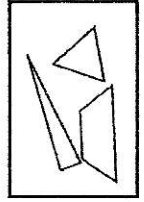
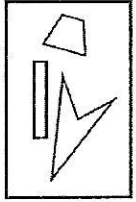
Question 3

Which one of these shapes is a hexagon?



Question 2

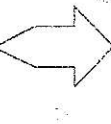
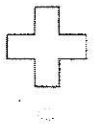
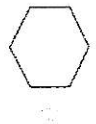
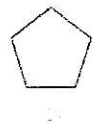
Which group has all the shapes with the same number of sides?



Question 4

Shade the bubbles under the octagons.

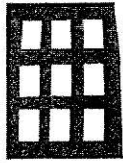
Shade as many bubbles as you need.



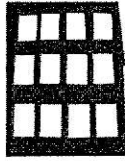
Focus
Measuring area on grids using whole and half units

Question 1

Karen, Joel and Maria tried to find the area of a pin board using pieces of paper.



Karen



Joel



Maria

Their results were different.

Who was correct? _____

Explain why.

Write the answers on the lines.

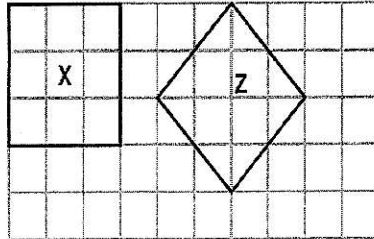


Question 2

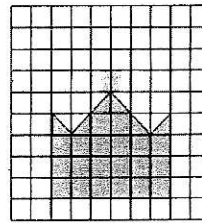
Here is a plan for 2 garden beds, X and Z.

Which statement is true about the area of the garden beds?

- ☐ X is larger than Z.
- ☐ Z is larger than X.
- ☐ X and Z are the same.



Question 3



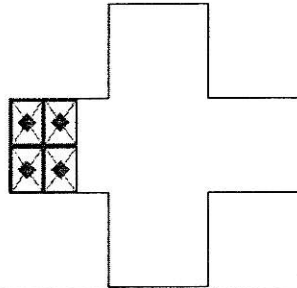
1 square = 1 square unit

The shaded areas in this grid, in square units is closest to

- ☐ 16
- ☐ 24
- ☐ 28
- ☐ 34

Question 4

How many tiles this size will cover the shape below?



Write the answer on the line.

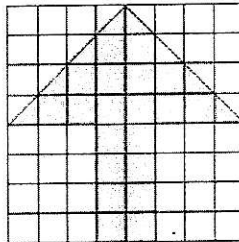


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Focus

Measuring area on grids using whole and half units

Question 5



The area of the shaded arrow is equal to

- ☐ 20 squares.
- ☐ 24 squares.
- ☐ 26 squares.
- ☐ 28 squares.

Shade one bubble.

