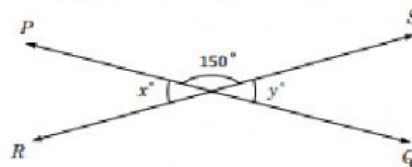


Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
1		Geometric Shapes and Measures	Identify and draw types of angles and pairs of lines and use the relationships between angles on lines and in geometric figures to solve problems	Easy

In the figure, PQ and RS are intersecting straight lines.

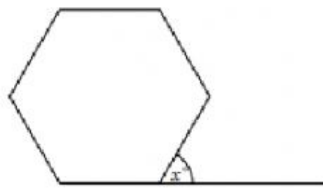


What is the value of $x + y$?

- (A) 15
- (B) 30
- (C) 60
- (D) 180
- (E) 300

Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
2		Geometric Shapes and Measures	Identify and draw types of angles and pairs of lines and use the relationships between angles on lines and in geometric figures to solve problems	Easy



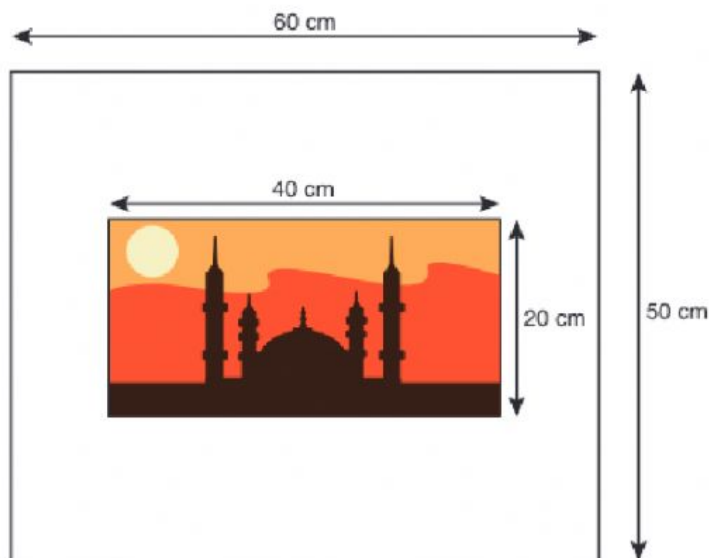
The figure above is a regular hexagon. What is the value of x ?

Answer: _____

Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
3		Geometric Shapes and Measures	Identify two-dimensional shapes and use their geometric properties to solve problems, including those involving perimeter, circumference, area	Medium

A rectangular picture of a mosque is pasted on a sheet of white paper as shown.



What is the area of the white paper **not** covered by the picture?

- A 800 cm²
- B 2200 cm²
- C 3000 cm²
- D 3800 cm²

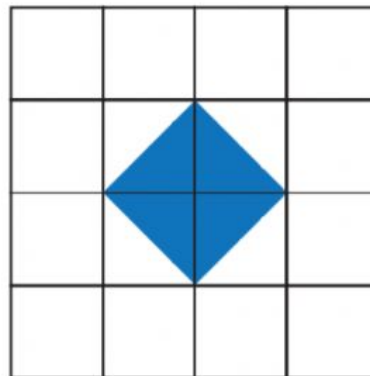
Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
4		Geometric Shapes and Measures	Identify two-dimensional shapes and use their geometric properties to solve problems, including those involving perimeter, circumference, area	Medium

The area of the shaded shape is 6 cm^2 .

What is the area of the whole grid including the shaded shape?

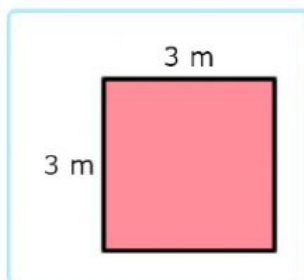
- A 16 cm^2
- B 24 cm^2
- C 42 cm^2
- D 48 cm^2



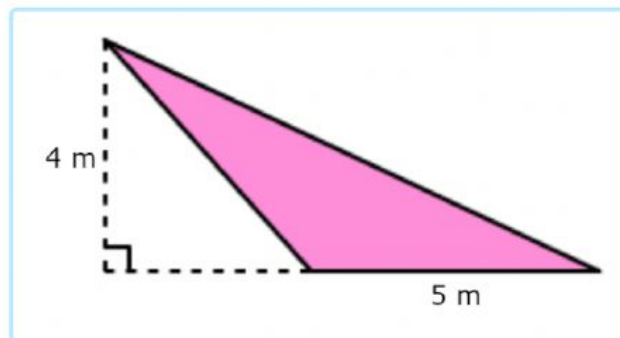
Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
5		Geometric Shapes and Measures	Identify two-dimensional shapes and use their geometric properties to solve problems, including those involving perimeter, circumference, area	Medium

Which figure has a greater area?



A

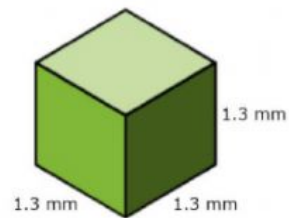
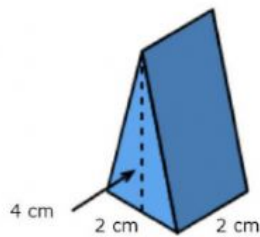


B

Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
6		Geometric Shapes and Measures	Identify three-dimensional shapes and use their geometric properties to solve problems, including those involving surface area and volume; relate three-dimensional shapes with their two-dimensional representations.	Medium

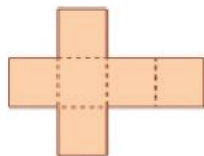
Which figure has a greater volume?



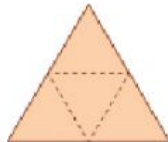
Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
7		Geometric Shapes and Measures	Identify three-dimensional shapes and use their geometric properties to solve problems, including those involving surface area and volume; relate three-dimensional shapes with their two-dimensional representations.	Easy

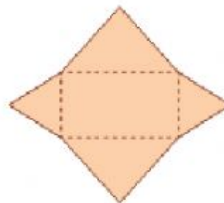
Which of these will fold to make a square pyramid?



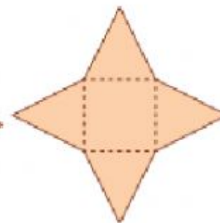
A



B



C



D

Student name: _____ Grade: _____

Item	Answers	Skills	Outcome/Standard	Difficulty level
8		Geometric Shapes and Measures	Identify three-dimensional shapes and use their geometric properties to solve problems, including those involving surface area and volume; relate three-dimensional shapes with their two-dimensional representations.	Easy

What 3D object does this net form when folded?

- A rectangular pyramid
- B triangular pyramid
- C rectangular prism
- D triangular prism

