Area of Irregular Figures Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Schoolnet Homework Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core: \_\_\_\_\_

1. Polygon *PQRS* is composed of a rectangle and a right triangle.



What is the area of polygon *PQRS*?

1. 150 cm2
2. 158 cm2
3. 210 cm2
4. 226 cm2
5. The figure below is made of square and a triangle.



What is the area of the figure?

1. 30 cm2
2. 54 cm2
3. 72cm2
4. What is the area of the figure below?



1. 21 units2
2. 33 units2
3. 42 units2
4. 52 units2
5. A student created this rhombus in the diagram by the drawing two identical triangles.



Which whole number represents the area, in square inches, of the rhombus?

1. 10
2. 16
3. 20
4. 22
5. What is the area of the figure below if the measurements shown are in inches?



1. 56 in2
2. 71 in2
3. 91 in2
4. 126 in2