

Triangles

Test 7 Form A Rubric

The core elements of performance required by this task are: • reason about similar figures and scale factor Based on these, credit for specific aspects of performance should be assigned as follows:	Points	Section Points
1. Gives correct answer as: Triangle G Gives correct explanation such as: Both triangles have sides 3, 4, and a right angle between these two sides.	1 1	2
2. Gives correct answers as: Triangles C and E (<i>accept G</i>) Gives correct explanation such as: All the sides of triangle C are half as long as the sides of triangle A. or All the sides of triangle E are twice as long as the sides of triangle A. or All the sides of triangle G are the same length as the sides of triangle A.	1, 1 1 or 1 or 1	3
3. Gives correct answer as: 54 square units Shows correct work such as: The area of triangle A is 6 square units. The area of the enlarged triangle is 9×6 . or The height and base of the enlarged triangle are 12 and 9 units. The area of the enlarged triangle is $\frac{1}{2} \times 12 \times 9$.	1 1 1 or 1 1	3
Total Points		8