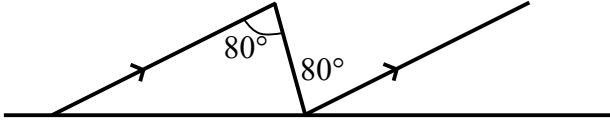


RUBRICS TEST MS – 6**SECTION A****Short Tasks**

Task number	Answer	Points
1.	40%	1
2.	n^2	1
3.	4.3	1
4.		1
5.	$2/27$	1

Meal Out	Rubric	
	points	section points
1. Gives correct answer: $15x + 12(10 - x) = 141$ Selects $15x + 12y = 141$	3 (1)	3
2. Gives correct answers: 7 and 3 Correctly solves the equation : $x = 7$ Tests that the solution $x = 7$ satisfies the correct equation $15 \times 7 + 12 \times 3 = 141$ <i>Partial credit</i> Uses guess and check <i>Alternatively</i> Selects an incorrect equation and correctly solves it.	2 x 2 2 1 (1) or (1)	7
Total Points		10

Photographs	Rubric	
	points	section points
<p>1. Diagram 1: The height of the smaller copy = $1/2$ of 6 inches = 3 inches</p> <p>Uses proportional reasoning correctly: Height/width = $6/4 = 3/\text{width}$ or Size of photo/Size of copy = $6/3 = 4/\text{width}$ Width = 2 inches Accept verbal reference to scaling if answer correct.</p> <p>Diagram 2: The width of the smaller copy = $1/2$ of 6 inches = 3 inches</p> <p>Uses proportional reasoning correctly: Height/width = $6/4 = \text{height}/3$ Height = 4 1/2 inches Accept verbal reference to scaling if answer correct.</p>	<p>2</p> <p>1 1</p> <p>2</p> <p>1 1</p>	<p>8</p>
<p>2. Gives correct answers: Diagram 1: 6 inches wide, 6 inches high Diagram 2: 8.5 inches wide, 6 inches high</p>	<p>1</p> <p>1</p>	<p>2</p>
Total Points		10

	Roman Mosaic	Points	Section points
	<p>The design is drawn inside a large circle.</p> <p>The design has 8 lines of symmetry and rotational symmetry of order 8.</p> <p>In the centre is an 8 pointed star.</p> <p>Each section of the star is a rhombus.</p> <p>Each rhombus has two angles $360 / 8 = 45^\circ$ and 135°</p> <p>Between the points of the star are squares.</p> <p>Between the squares are isosceles figures which are almost triangles with an angle of $180 - 2 \times 90 - 45 = 135^\circ$</p> <p>Accept alternative geometrical shapes/statements.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>2</p>	<p>Max 10</p>
	Total		10