

Extended Responses Report

for David Galati

Test Date: Nov 28, 2017

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Grade: 6

School: BC School

Test: M_BC_G6_POS_3,7

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ezclasstest



Content Area

Integrated Properties of Objects and Shapes Summative Assessment

Test Student10

Question 1 (Communicating & representing: Consistent evidence of a high degree of competency) (Connecting & reflecting: Consistent evidence of a high degree of competency)

1st way

Area of remaining part = area of parallelogram - area of triangle
Area of parallelogram = $8 \text{ m} \times 5 \text{ m} = 40$ square metres

Area of triangle = $\frac{1}{2} \times 6 \times 5 = 15$ square metres

Area of remaining part = $40 - 15 = 25$ square metres

2nd way

The remaining part of the garden is a trapezoid, since the left and right sides of the remaining part are both 6 metres (since triangle is equilateral with all sides equal).

Bottom of remaining part = $8 - 6 = 2$

Area of trapezoid = $\frac{1}{2} (a+b) \times h = \frac{1}{2} (8 + 2) \times 5 = \frac{1}{2} (10) \times 5 = 25$ square metres

Question 8 (Communicating & representing: Evidence of considerable competency) (Connecting & reflecting: Evidence of considerable competency)

Obtuse = greater than 90 degrees but less than 180 degrees

Acute = greater than 0 degrees but less than 90 degrees

Straight = 180 degrees

Reflex = greater than 180 degrees but less than 360 degrees

Right = 90 degrees

Question 11 (Communicating & representing: Evidence of considerable competency) (Connecting & reflecting: Evidence of considerable competency)

I think that the First Nation community will choose the second location, because they will feel that leaving the cultural landmarks and animal trails undisturbed is the most important thing to consider.