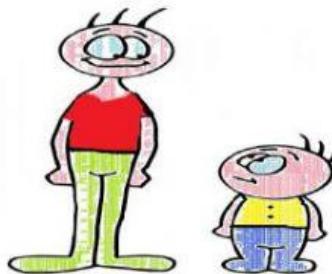


ST. HUGH'S PREPARATORY SCHOOL  
MATHEMATICS

## Performance Task

Name: \_\_\_\_\_ Grade \_\_\_\_\_ Date: \_\_\_\_\_

### How Tall are You?



When students started learning about metric, Branden's teacher said that beginning at age 2, children grow about 6 centimetres per year.

Branden is 125 centimetres tall and is 9 years old. In the table below, Branden used his current age and height to calculate his possible height for each of the previous 3 years.

#### Branden's Age and Height

Branden's Age	Branden's Height (centimetres)
9	125
8	119
7	113
6	107

#### Task 1:

Branden used the equation  $7 \times 6 + \square = 125\text{cm}$  to estimate how tall he was at age 2. Will the equation give him a reasonable estimate of his height at age 2?

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Explain your answer by relating the information in the table to the given equation.

#### Task 2:

What is a reasonable height for Branden at age 2?

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