Mathematics 122

Quiz #4   Name: _____

(1) Does the following data come from an exponential function?

t	0	1	2	3
$A(t)$	37.1	45.2	50.3	55.9

Explanation:

(2) Explain why the following data does come form an exponential function and give a formula for it.

t	0	1	2	3
$A(t)$	50.0	60.0	72.0	86.4

Explanation:

$A(t) =$ _____

(3) At what rate should \$500 be invested so that it becomes \$2,000 after 10 years?

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