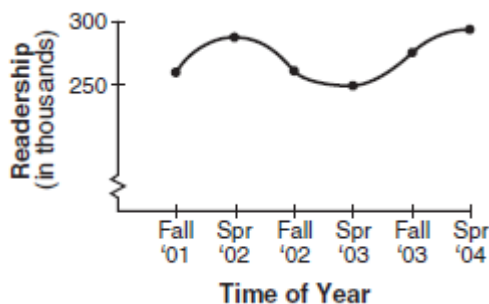


NAME: _____

1. 060913b, P.I. A2.A.52

The accompanying graph shows the average daily readership, in thousands, of the newspaper “El Diario La Prensa.”

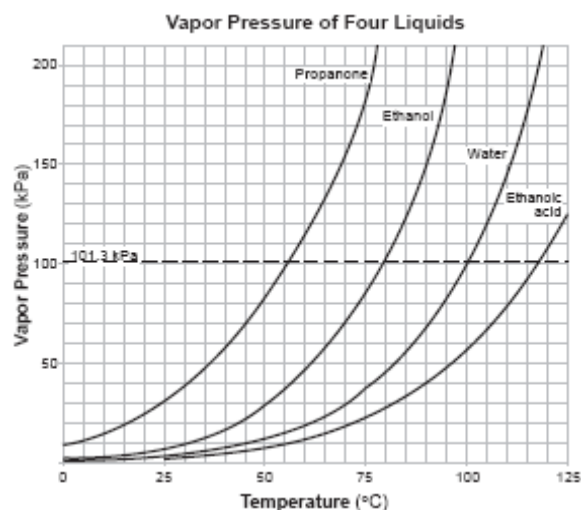


Which type of function best represents this graph?

- [A] exponential [B] quadratic
 [C] logarithmic [D] trigonometric

2. 080808b, P.I. A2.A.52

The family of curves shown in the accompanying graph illustrates the transformations of a function.

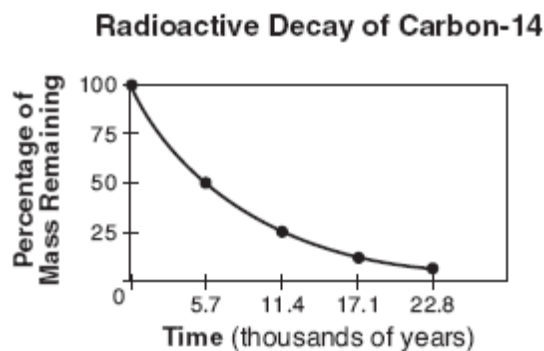


Which type of function could be the original function?

- [A] linear [B] tangent
 [C] sinusoidal [D] exponential

3. 080710b, P.I. A2.A.52

Which type of function could be used to model the data shown in the accompanying graph?

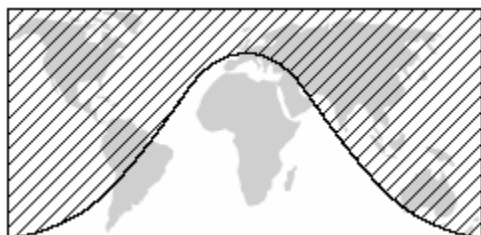


- [A] exponential [B] trigonometric
 [C] linear [D] quadratic

NAME: _____

4. 010502b

The shaded portion of the accompanying map indicates areas of night, and the unshaded portion indicates areas of daylight at a particular moment in time.

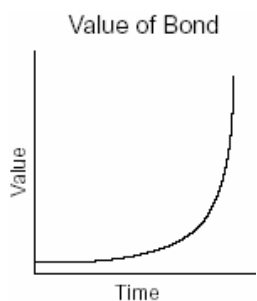


Which type of function best represents the curve that divides the area of night from the area of daylight?

- [A] cosine [B] tangent
 [C] quadratic [D] logarithmic

5. 010203b, P.I.A2.A.52

The accompanying graph represents the value of a bond over time.

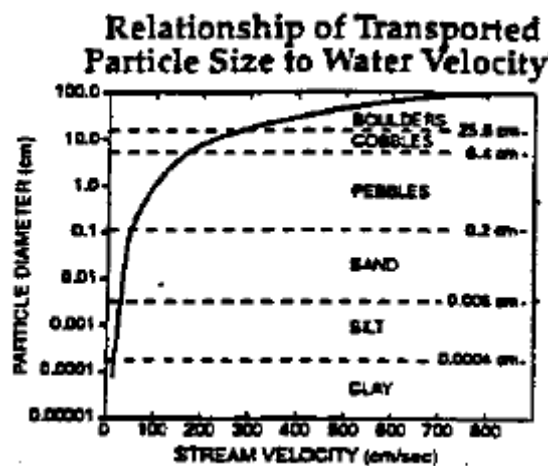


Which type of function does this graph best model?

- [A] exponential [B] trigonometric
 [C] logarithmic [D] quadratic

6. fall9901b, P.I. A2.A.52

The graph below represents the relationship of transported particle size to water velocity. The graph best models which type of function?



- [A] trigonometric [B] quadratic
 [C] logarithmic [D] linear

[1] D

[2] D

[3] A

[4] A

[5] A

[6] C