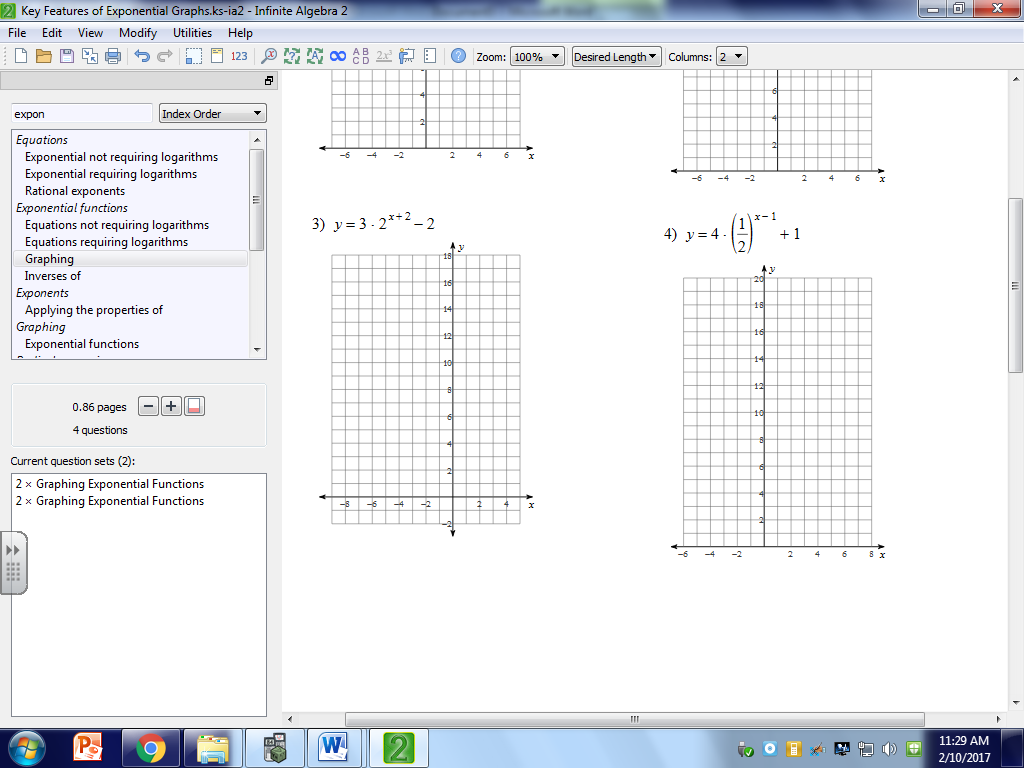
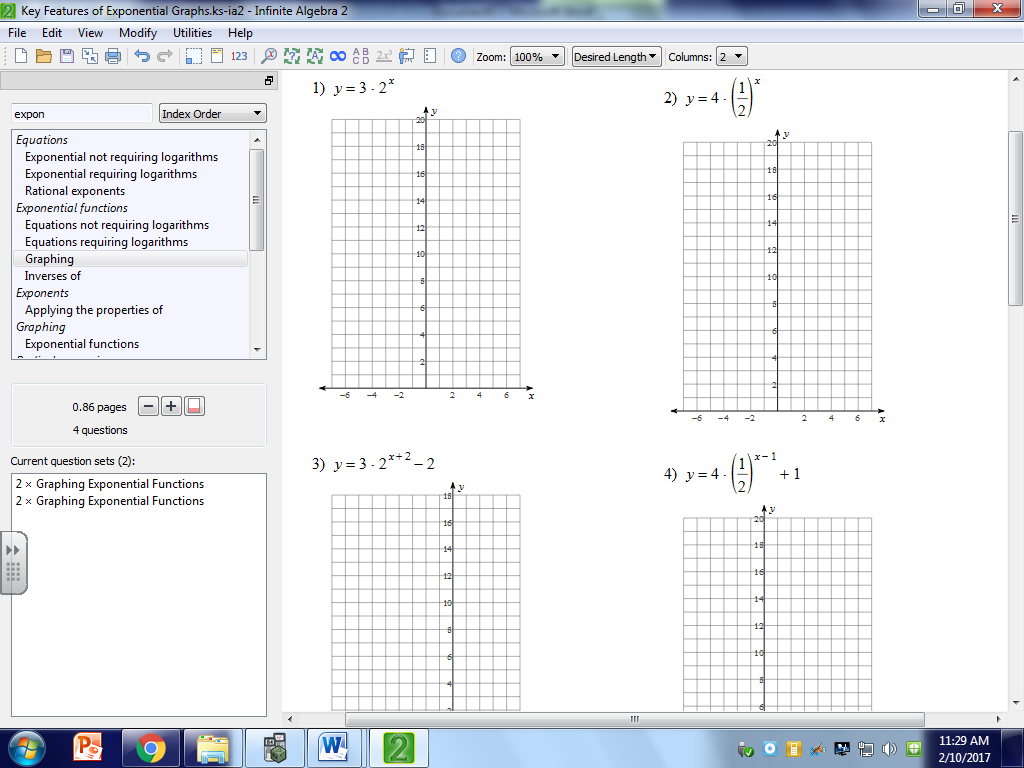
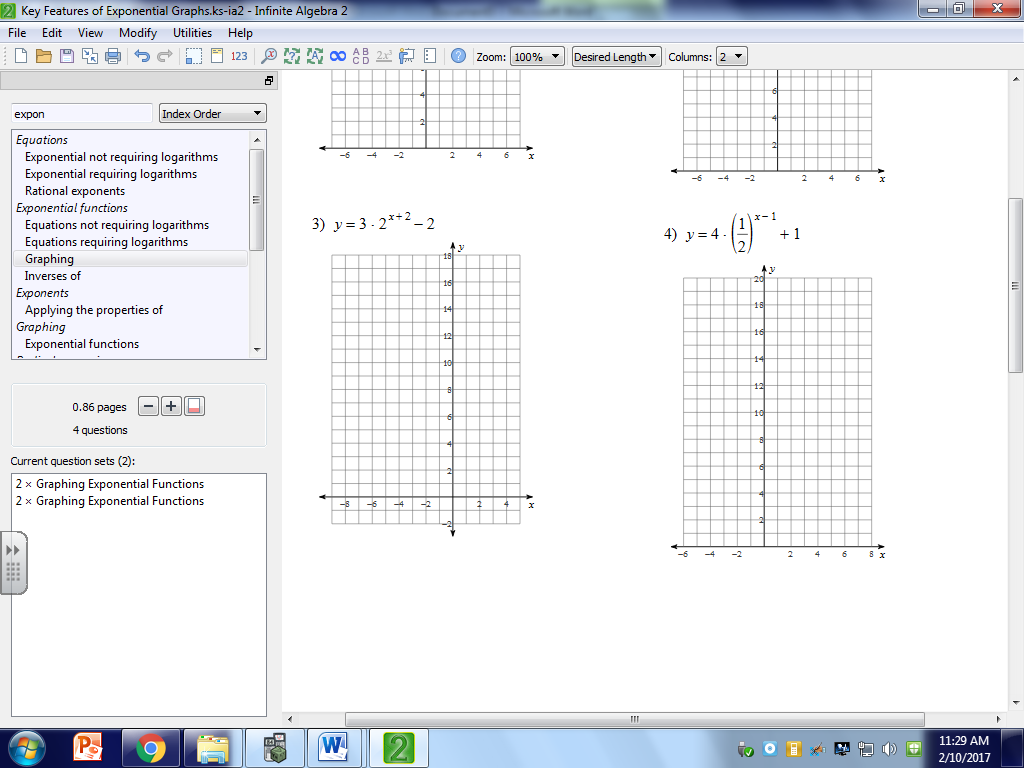
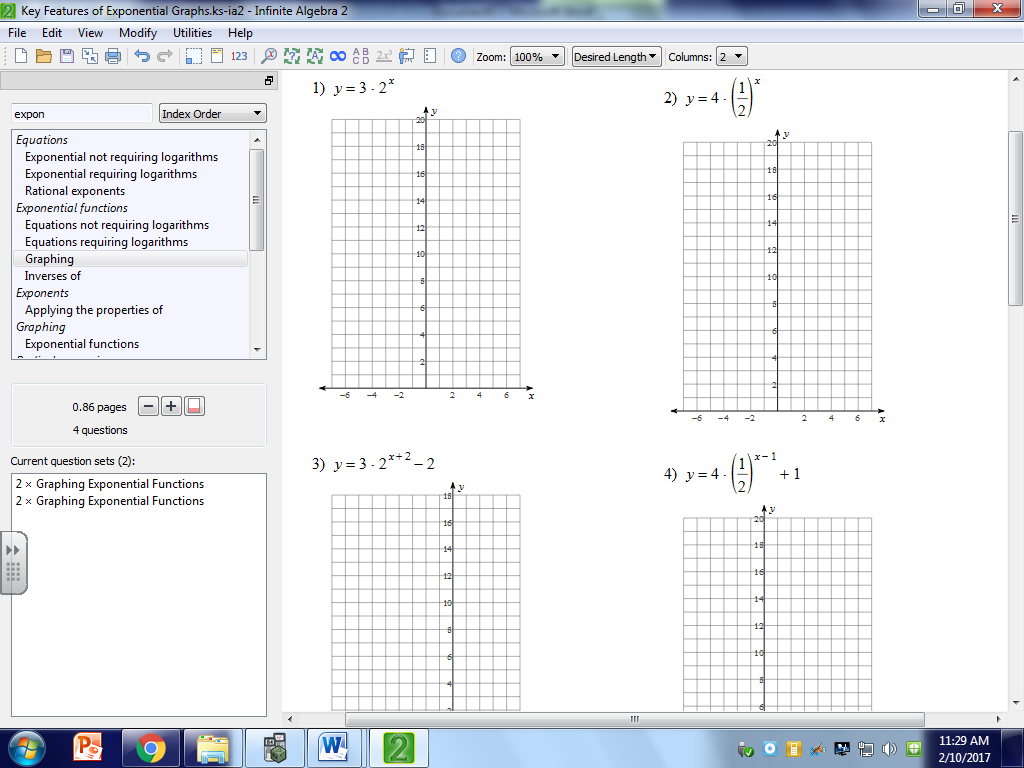
**Unit 2 Practice: Key Features of Exponential Graphs**

 Graph each exponential equation then identify the key features of the graph.

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increase or Decrease

Asymptote @ \_\_\_\_\_\_\_\_\_\_

Y-Intercept @ \_\_\_\_\_\_\_\_\_

End behavior

as \_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increase or Decrease

Asymptote @ \_\_\_\_\_\_\_\_\_\_

Y-Intercept @ \_\_\_\_\_\_\_\_\_

End behavior

as \_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increase or Decrease

Asymptote @ \_\_\_\_\_\_\_\_\_\_

Y-Intercept @ \_\_\_\_\_\_\_\_\_

End behavior

as \_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increase or Decrease

Asymptote @ \_\_\_\_\_\_\_\_\_\_

Y-Intercept @ \_\_\_\_\_\_\_\_\_

End behavior

as \_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_

***Identify the transformations that occurred to each equation below based on either the parent function***

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***For each exponential equation below, identify the vertical asymptote, domain, and range.***

Horizontal asymptote at y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_

Horizontal asymptote at y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_

Horizontal asymptote at y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_

Horizontal asymptote at y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

as \_\_\_\_\_\_\_\_\_ as \_\_\_\_\_\_\_