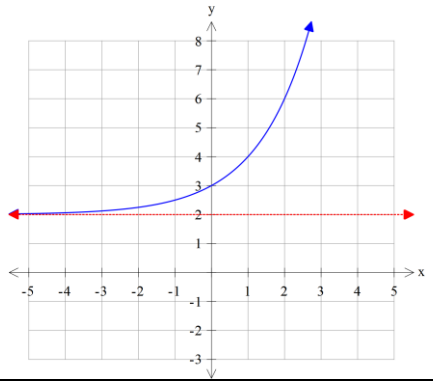
Answers to Classwork Exponential Functions

1.



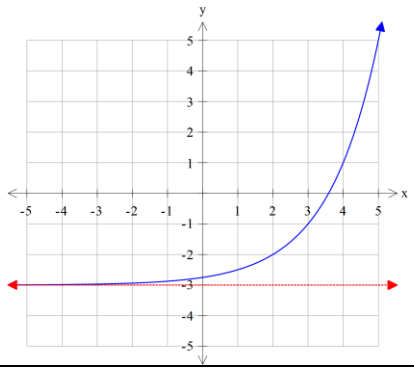
pts: $(0,3),(1,4)$

Domain: $(-\infty,\infty)$

Range: $(2,\infty)$

Asymptote: $y=2$

2.



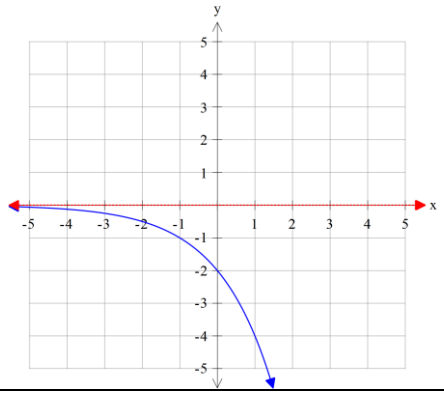
pts: $(2,-2),(3,-1)$

Domain: $(-\infty,\infty)$

Range: $(-3,\infty)$

Asymptote: $y=-3$

3.



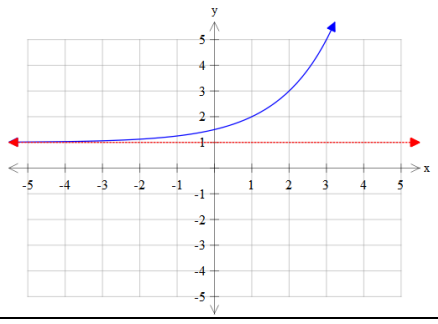
pts: $(-1,-1),(0,-2)$

Domain: $(-\infty,\infty)$

Range: $(-\infty,0)$

Asymptote: $y=0$

4.



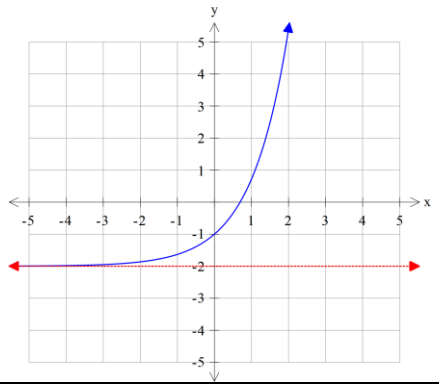
pts: $(1,2),(2,3)$

Domain: $(-\infty,\infty)$

Range: $(1,\infty)$

Asymptote: $y=1$

5.



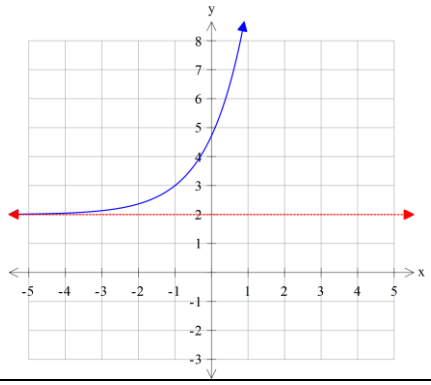
pts: $(0,-1),(1,0.7)$

Domain: $(-\infty,\infty)$

Range: $(-2,\infty)$

Asymptote: $y=-2$

6.



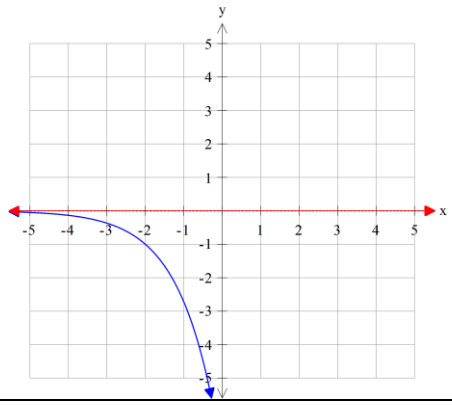
pts: $(-1,3),(0,4.7)$

Domain: $(-\infty,\infty)$

Range: $(2,\infty)$

Asymptote: $y=2$

7.



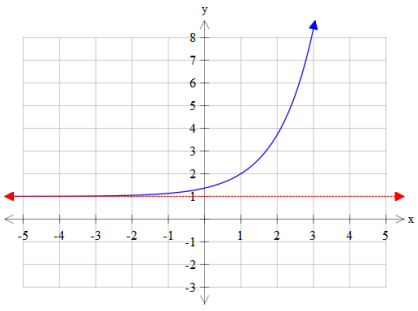
pts: $(-2,-1),(-1,-2.7)$

Domain: $(-\infty,\infty)$

Range: $(-\infty,0)$

Asymptote: $y=0$

8.



pts: $(1,2),(2,3.7)$

Domain: $(-\infty,\infty)$

Range: $(1,\infty)$

Asymptote: $y=1$