

**Advanced Functions****Exponential****Exp Y-Axis Intercepts**

1. *y* - intercepts  $2^x$

2. *y* - intercepts  $3^x$

3. *y* - intercepts  $2^{x+1}$

4. *y* - intercepts  $3^x - 1$

5. *y* - intercepts  $2^{x-3}$

6. *y* - intercepts  $2^x - 3$

7. *y* - intercepts  $5^x + 3$

8. *y* - intercepts  $f(x) = 4^{-2x+2}$

9. *y* - intercepts  $f(x) = 4^{-x+1} - 1$

10. *y* - intercepts  $-4^{x+1}$

**Answers****Advanced Functions****Exponential****Exp Y-Axis Intercepts**

1.  $(0,1)$

2.  $(0,1)$

3.  $(0,2)$

4.  $(0,0)$

5.  $\left(0, \frac{1}{8}\right)$

6.  $(0, -2)$

7.  $(0,4)$

8.  $(0,16)$

9.  $(0,3)$

10.  $(0, -4)$