

Practice 8-2 A

ALG2B
Sec 8.2 Day 1

For 1-4,
Describe each translation. Then graph.

1. $y = 2(3)^{x+2}$

Use $y = 4(2)^x$ to write an equation for each translation

2. $y = 4(4)^{x-2}$

5. 2 units right

8. 2 units left, one unit up

3. $y = 3(.5)^{x+4} - 5$

6. 3 units down

9. 3 units right, 4 units down

4. $y = 5(2)^{x+2} + 5$

7. 5 units to the left

10. 5 units right, 3 units up