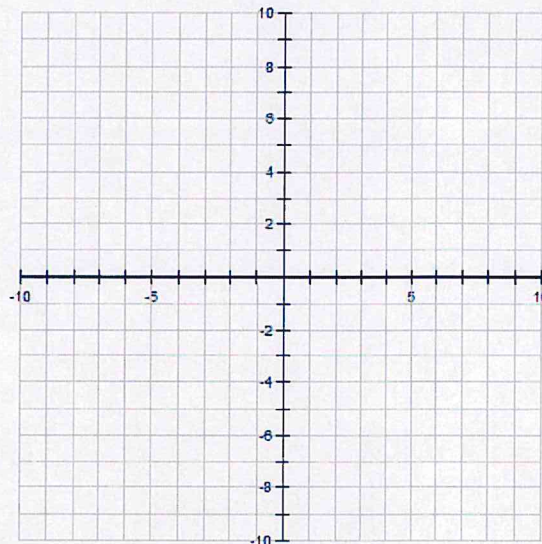


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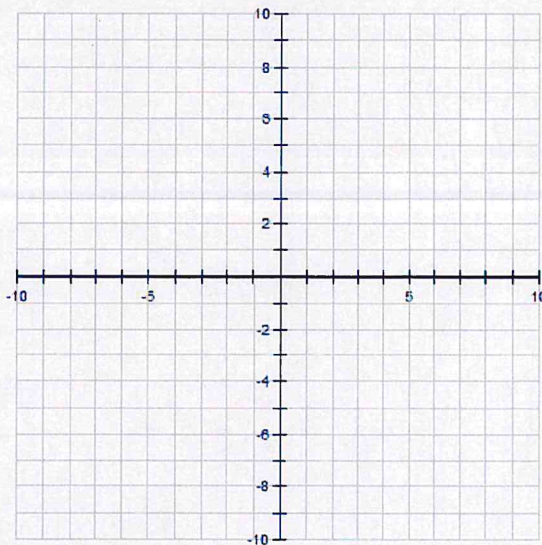
Algebra 2 CP Worksheet 8.1-8.2 Part 2

Make a table of values to graph each function. Then identify the domain, range, and asymptote.

1. $y = 6^{x+3} - 1$



2. $y = 3\left(\frac{1}{2}\right)^{x-4} + 2$



Algebra 2 CP Worksheet 8.1-8.2 Part 2

3. You deposit \$1600 in a bank account. Find the balance after 3 years for each situation below.

a) The account pays 2.5% annual interest compounded monthly.

b) The account pays 3% annual interest compounded quarterly.

c) The account pays 4.75% annual interest compounded semiannually.

4. You deposit \$3250 in a bank account. Find the balance after 2 years for each situation below.

a) The account pays 4% annual interest compounded daily.

b) The account pays 3.25% annual interest compounded monthly.

c) The account pays 5.8% annual interest compounded quarterly.