1) $f(x) =$ _____

Graph $f(x)$ in a **dashed** line using 3 easy-to-plot points

Inverse $g(x) = \log_5 x$

Graph $g(x)$ in a **dashed** line using the points of $f(x)$

Graph $h(x) = \log_5(x + 3)$ in a **solid** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

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2) $f(x) =$ _____

Graph $f(x)$ in a **dashed** line using 3 easy-to-plot points

Inverse $g(x) = \log_3 x$

Graph $g(x)$ in a **dashed** line using the points of $f(x)$

Graph $h(x) = \log_3(x) + 2$ in a **solid** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

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- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

3) $f(x) =$ _____

Graph $f(x)$ in a **<u>dashed</u>** line using 3 easy-to-plot points

Inverse $g(x) = \log_2 x$

Graph $g(x)$ in a **<u>dashed</u>** line using the points of $f(x)$

Graph $h(x) = \log_2(x-1) - 3$ in a **<u>solid</u>** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

3) $f(x) =$ _____

Graph $f(x)$ in a **<u>dashed</u>** line using 3 easy-to-plot points

Inverse $g(x) = \log_2 x$

Graph $g(x)$ in a **<u>dashed</u>** line using the points of $f(x)$

Graph $h(x) = \log_2(x-1) - 3$ in a **<u>solid</u>** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

4) $f(x) =$ _____

Graph $f(x)$ in a **<u>dashed</u>** line using 3 easy-to-plot points

Inverse $g(x) = \log_6 x$

Graph $g(x)$ in a **<u>dashed</u>** line using the points of $f(x)$

Graph $h(x) = \log_6(x + 2) - 1$ in a **<u>solid</u>** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

4) $f(x) =$ _____

Graph $f(x)$ in a **<u>dashed</u>** line using 3 easy-to-plot points

Inverse $g(x) = \log_6 x$

Graph $g(x)$ in a **<u>dashed</u>** line using the points of $f(x)$

Graph $h(x) = \log (x + 2) - 1$ in a **<u>solid</u>** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

5) $f(x) =$ _____

Graph $f(x)$ in a **dashed** line using 3 easy-to-plot points

Inverse $g(x) = \ln(x)$

Graph $g(x)$ in a **dashed** line using the points of $f(x)$

Graph $h(x) = \ln(x-4) + 2$ in a **solid** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h

5) $f(x) =$ _____

Graph $f(x)$ in a **dashed** line using 3 easy-to-plot points

Inverse $g(x) = \ln(x)$

Graph $g(x)$ in a **dashed** line using the points of $f(x)$

Graph $h(x) = \ln(x-4) + 2$ in a **solid** line using the points of $g(x)$

- Don't forget to draw the asymptote of $h(x)$

Make a table with the 3 points on $h(x)$ that you plotted:

x	$h(x)$

LABEL EACH FUNCTION WITH ITS NAME: f, g, or h