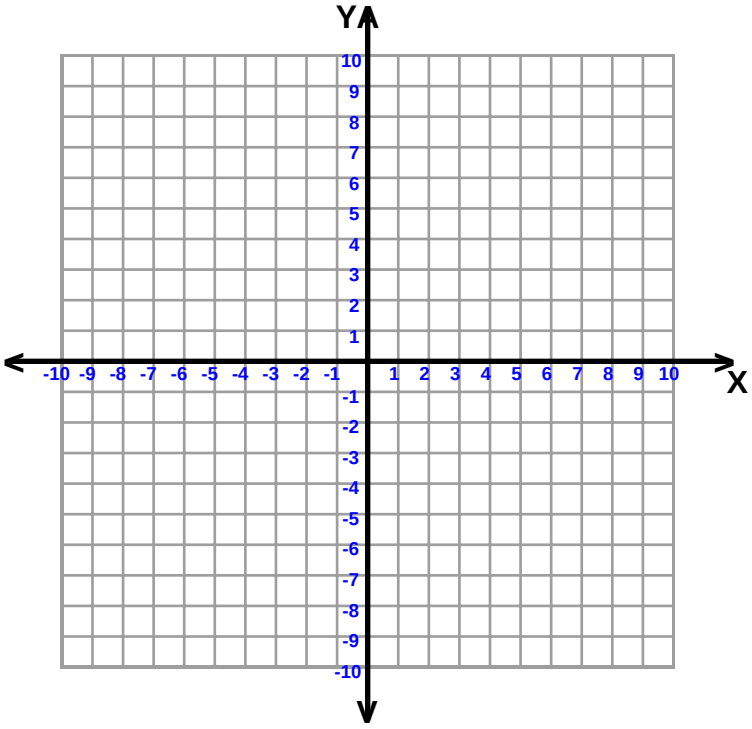
Name : _____ Score : _____

Teacher : _____ Date : _____

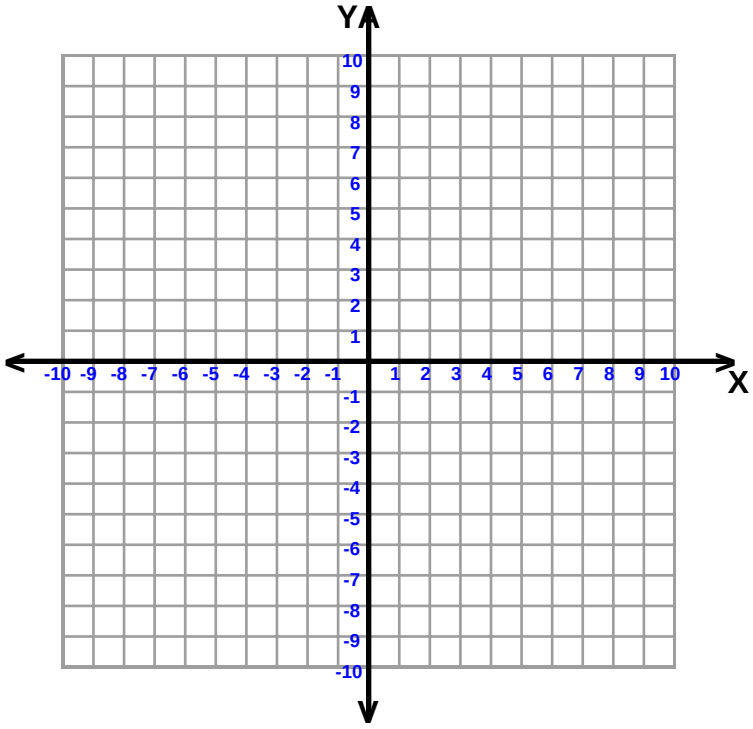
Graphing Logarithms

Give the domain and range of each function, then graph.

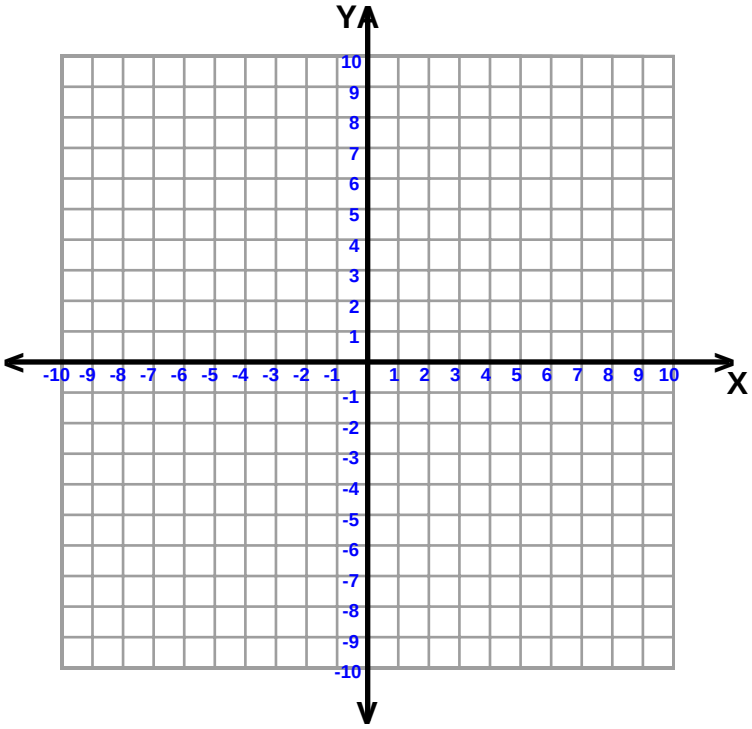
1) $y = \log_5 (x - 4) + 3$



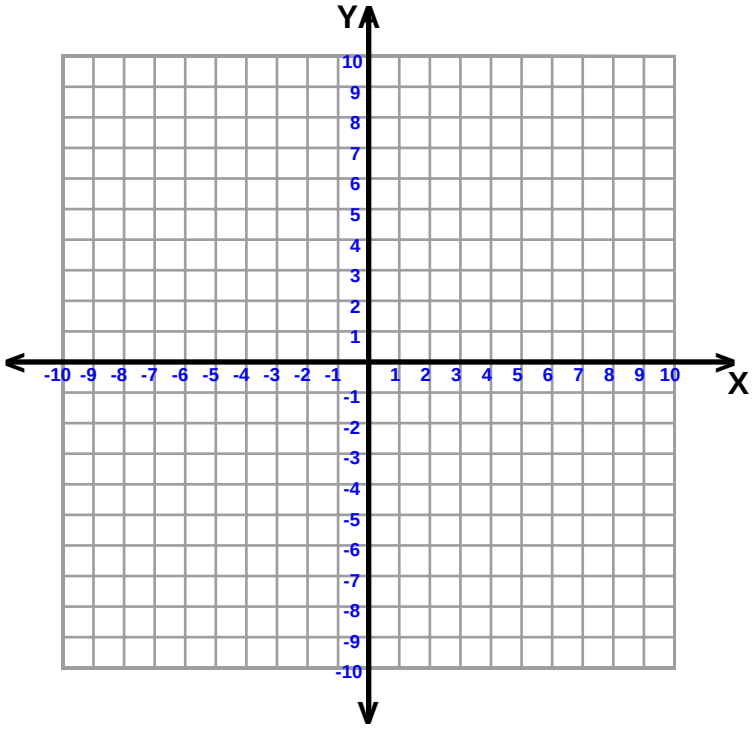
2) $y = \log (x + 5) + 2$



3) $y = \log (x - 5) + 4$



4) $y = \log_4 (x - 2) + 5$



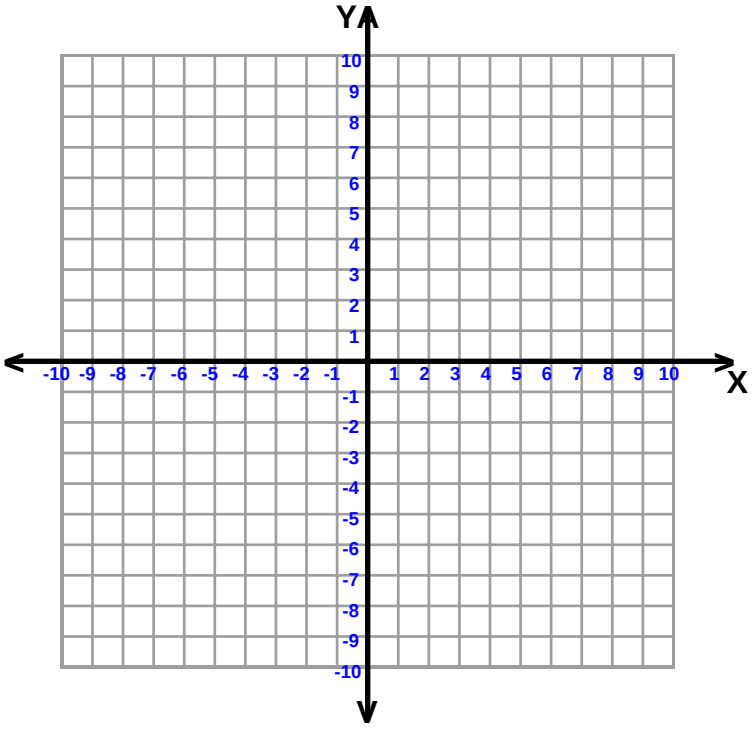
Name : _____ Score : _____

Teacher : _____ Date : _____

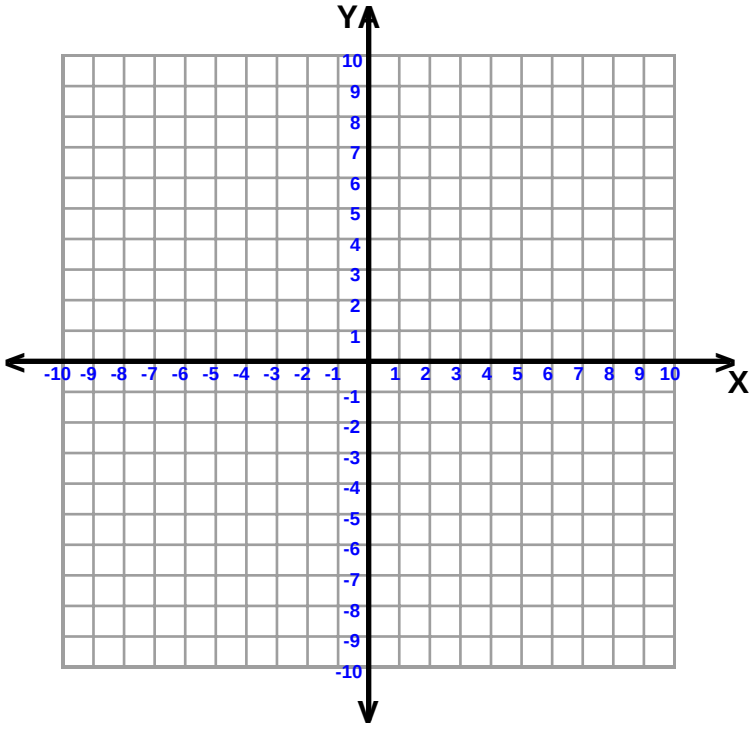
Graphing Logarithms

Give the domain and range of each function, then graph.

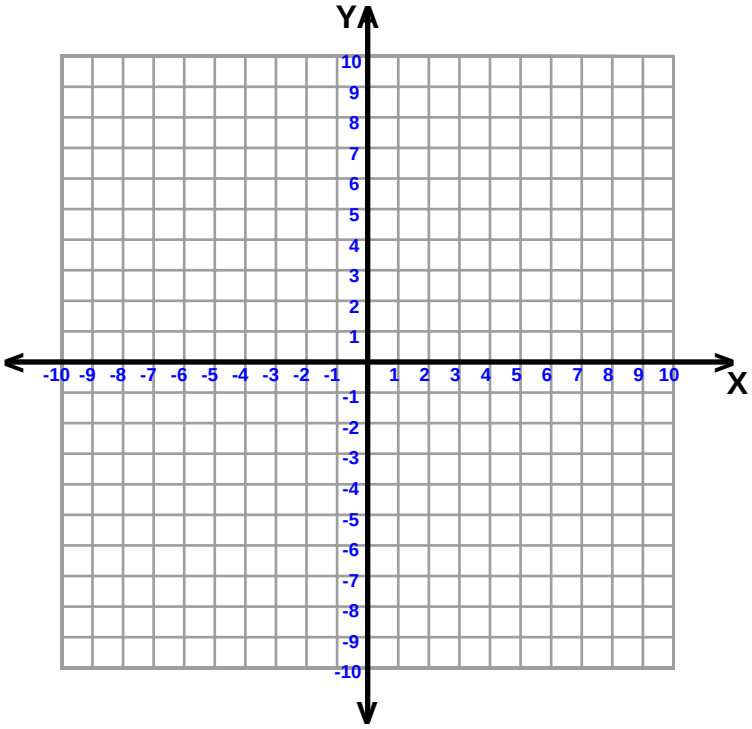
5) $y = \log_2 (3x + 2) + 2$



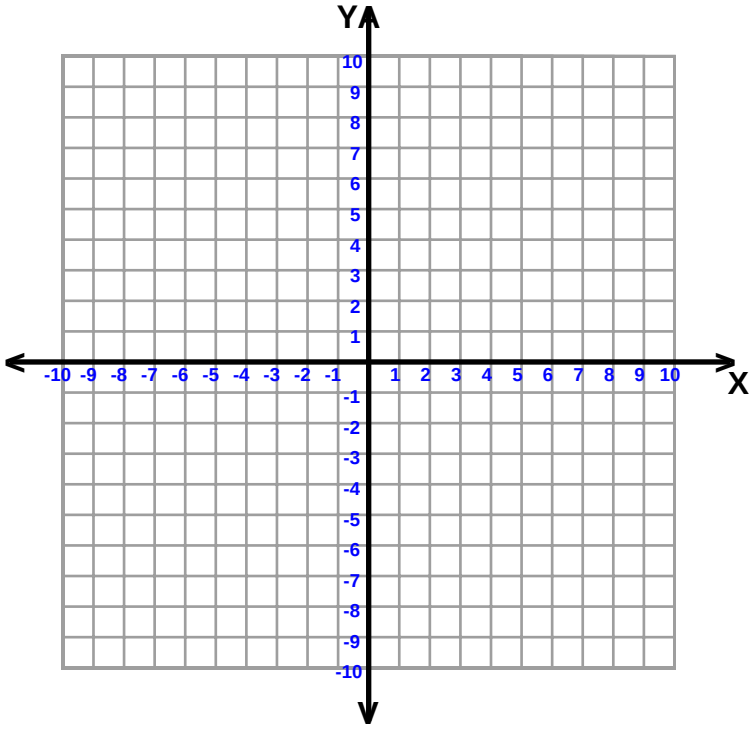
6) $y = \log_5 (2x - 4) + 5$



7) $y = \log_9 (3x + 5) - 4$



8) $y = \log_8 (2x + 5) + 3$



Name : _____ Score : _____

Teacher : _____ Date : _____

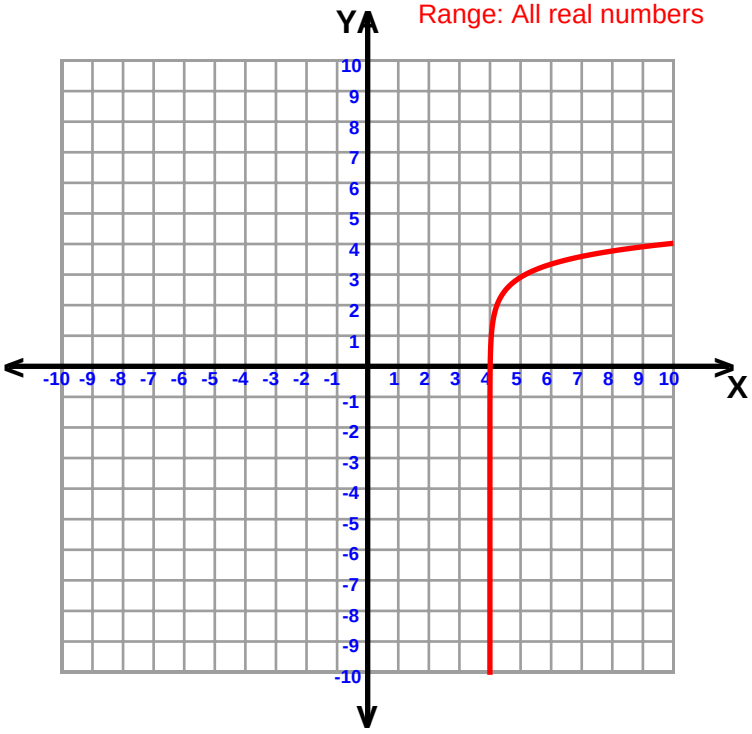
Graphing Logarithms

Give the domain and range of each function, then graph.

1) $y = \log_5 (x - 4) + 3$

Domain: x > 4

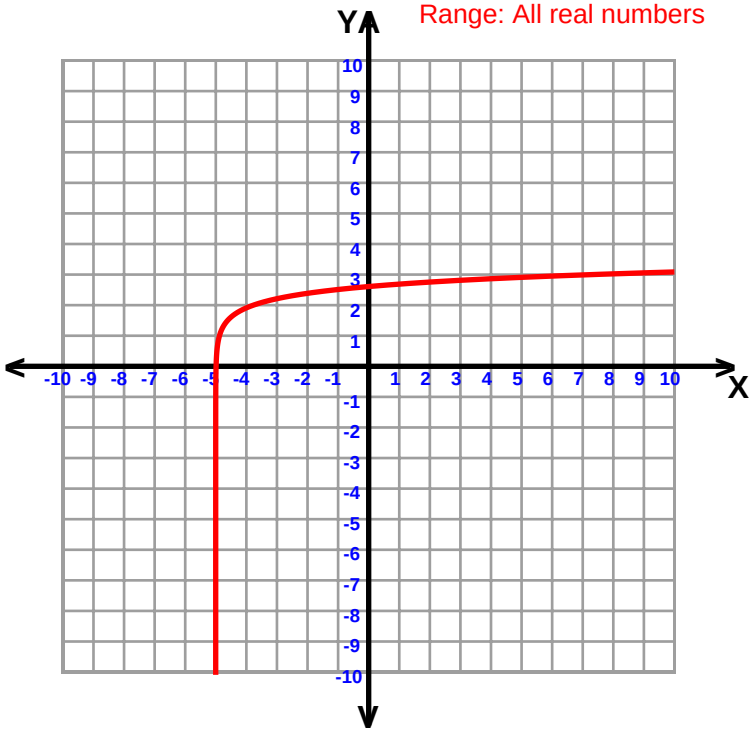
Range: All real numbers



2) $y = \log (x + 5) + 2$

Domain: x > -5

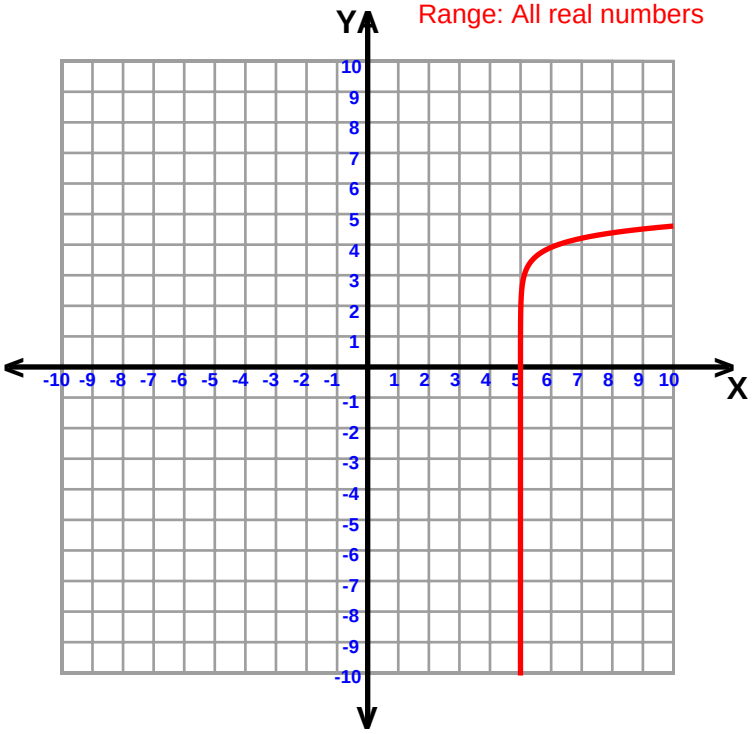
Range: All real numbers



3) $y = \log (x - 5) + 4$

Domain: x > 5

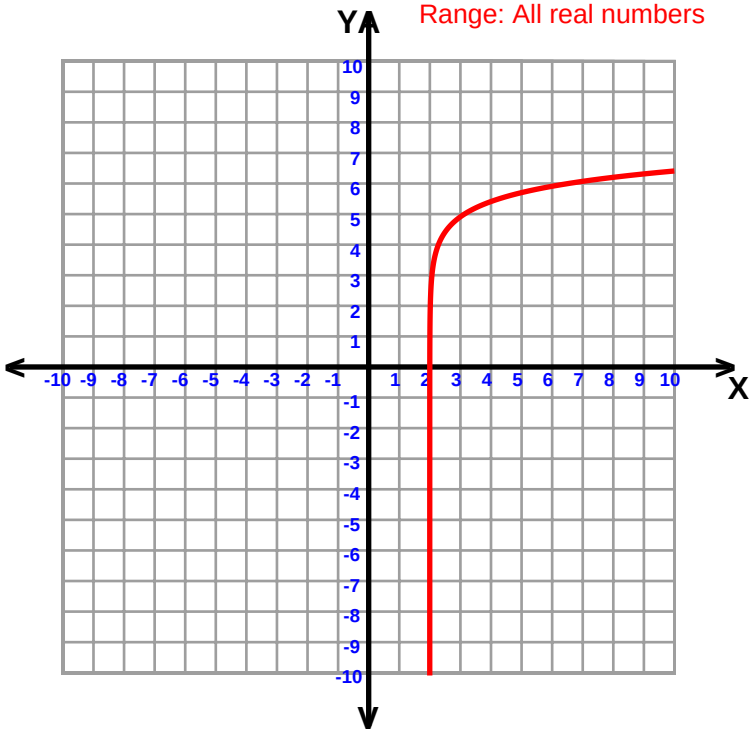
Range: All real numbers



4) $y = \log_4 (x - 2) + 5$

Domain: x > 2

Range: All real numbers



Name : _____ Score : _____

Teacher : _____ Date : _____

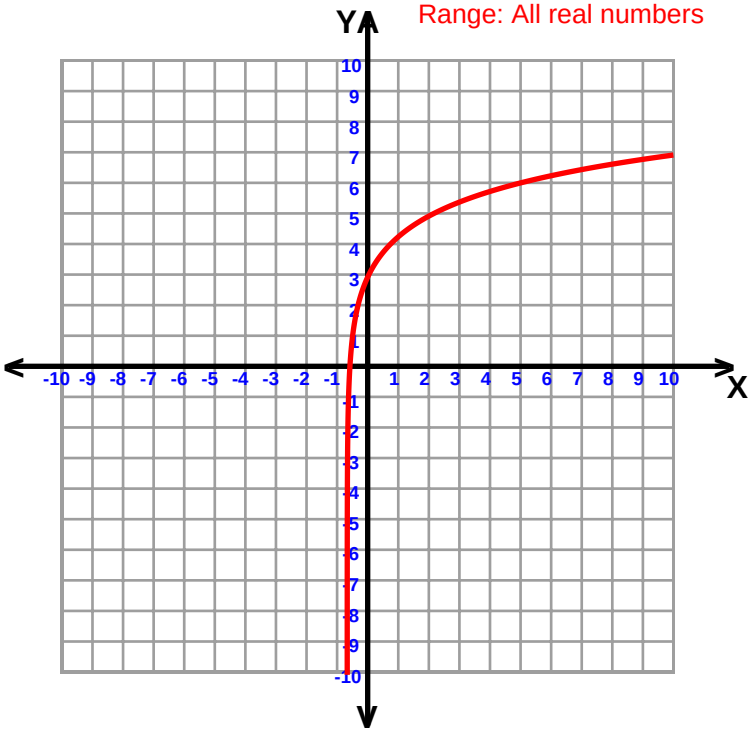
Graphing Logarithms

Give the domain and range of each function, then graph.

5) $y = \log_2 (3x + 2) + 2$

Domain: $x > \frac{-2}{3}$

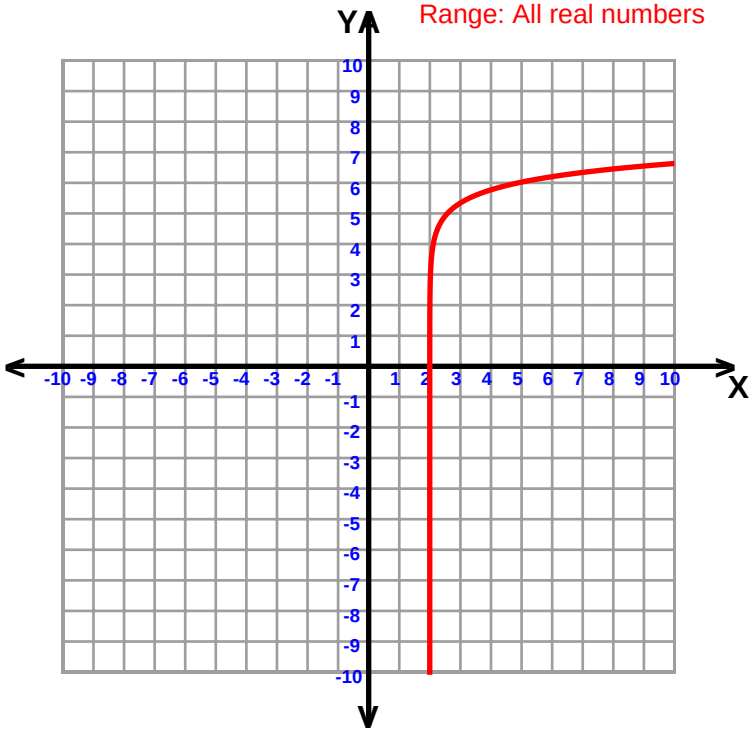
Range: All real numbers



6) $y = \log_5 (2x - 4) + 5$

Domain: $x > 2$

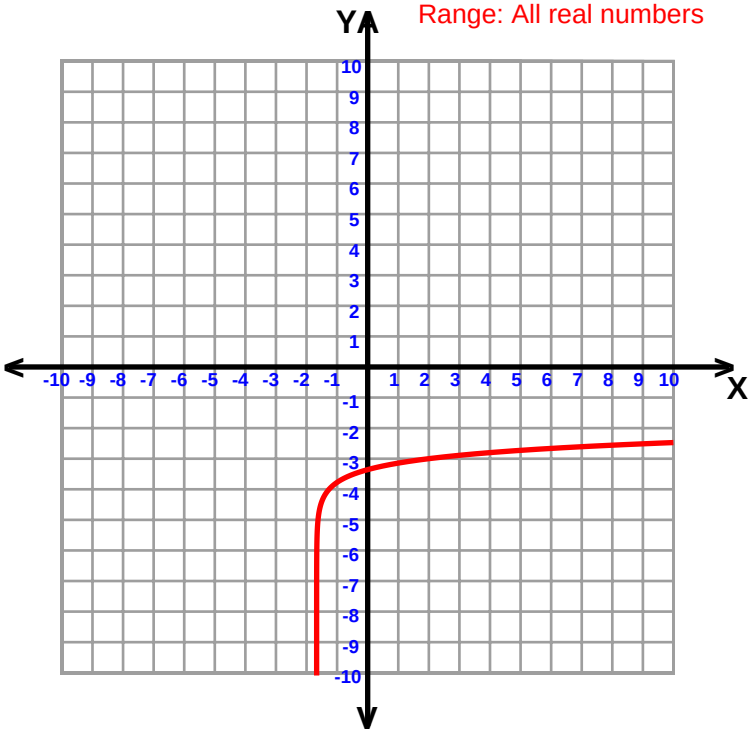
Range: All real numbers



7) $y = \log_9 (3x + 5) - 4$

Domain: $x > \frac{-5}{3}$

Range: All real numbers



8) $y = \log_8 (2x + 5) + 3$

Domain: $x > \frac{-5}{2}$

Range: All real numbers