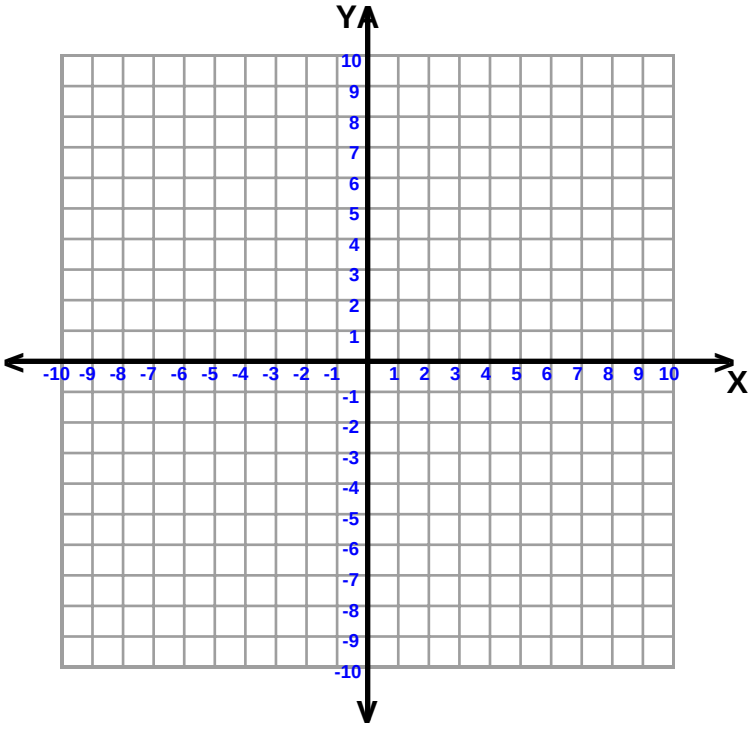
Name : _____ Score : _____

Teacher : _____ Date : _____

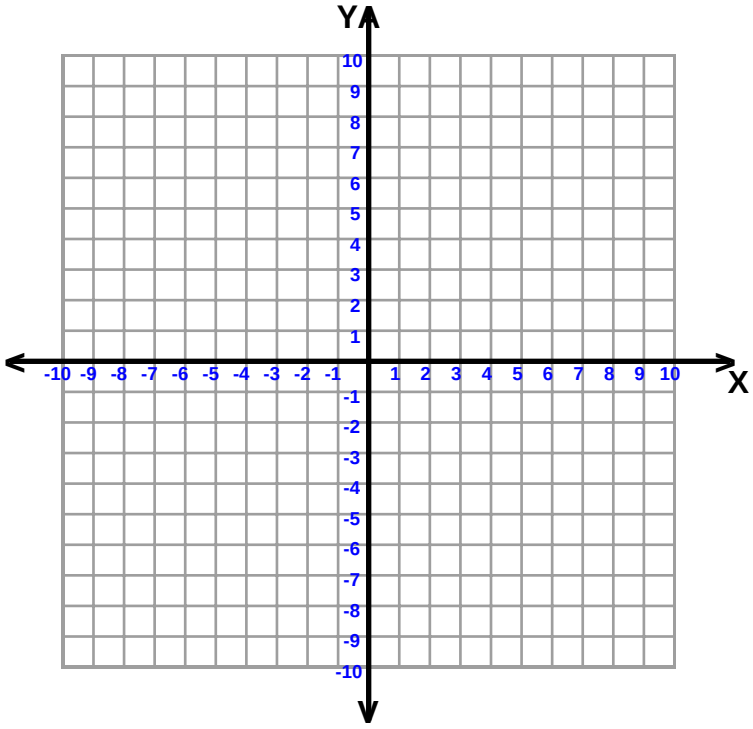
Graphing Logarithms

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

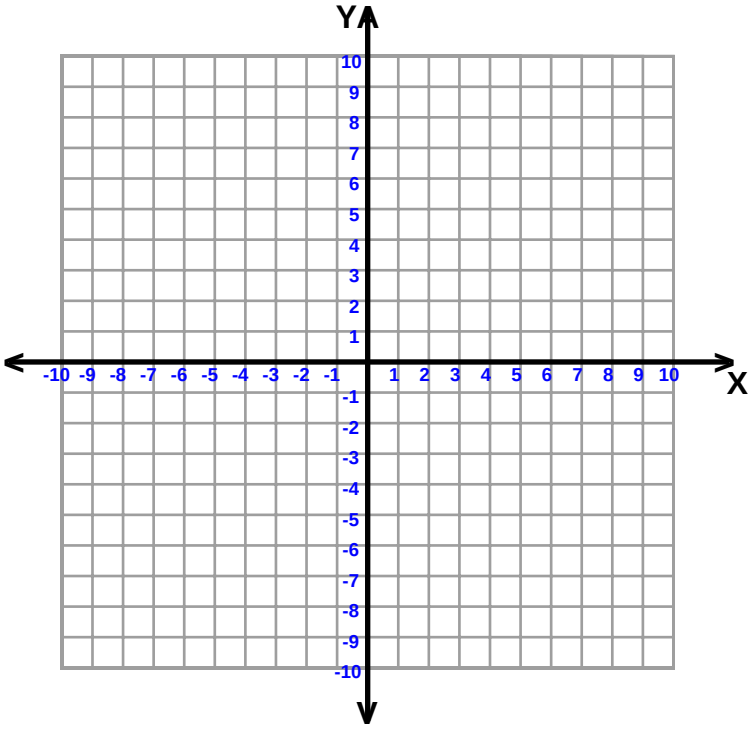
1) $y = \log (x - 2) + 4$



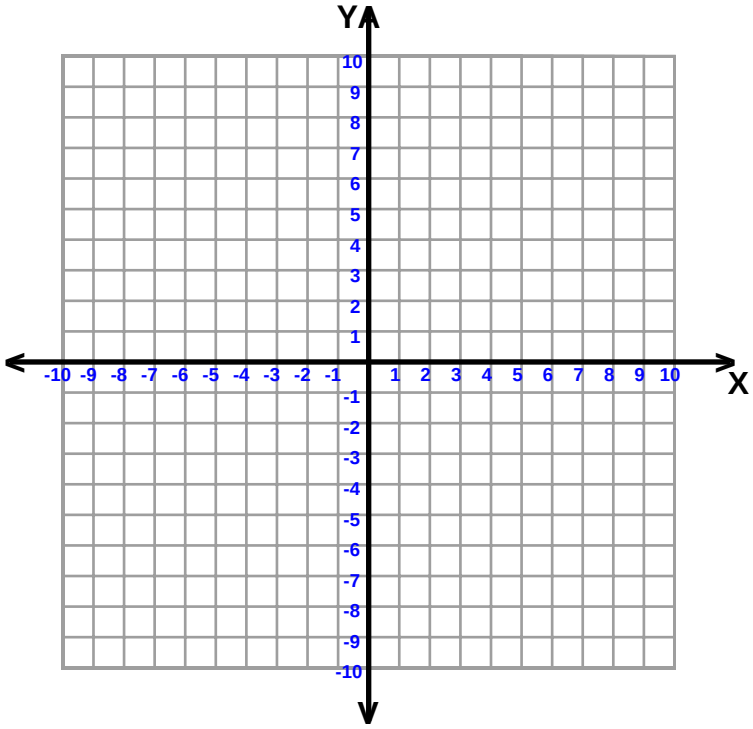
2) $y = \log_9 (x - 5) - 2$



3) $y = \log_7 (x + 2) - 3$



4) $y = \log (x + 4) - 2$



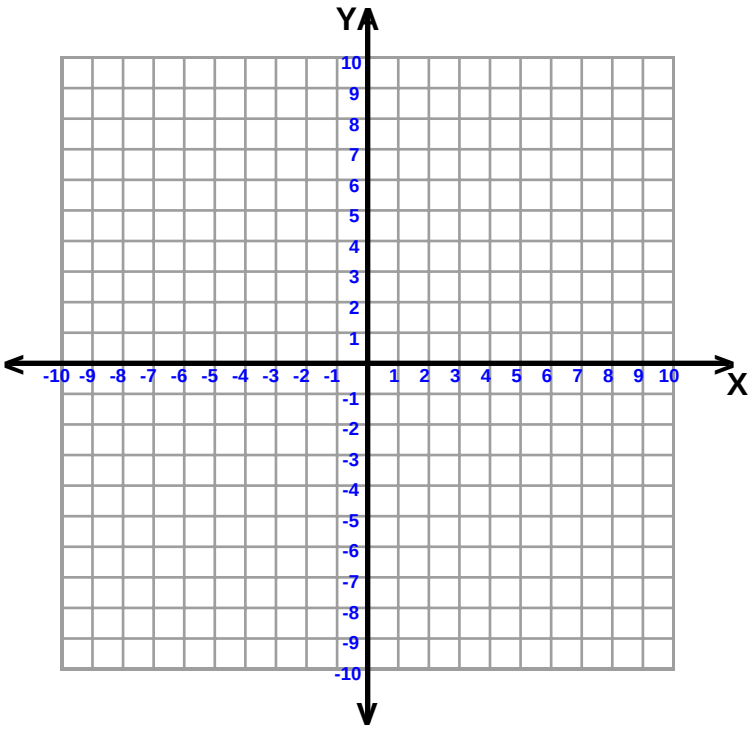
Name : _____ Score : _____

Teacher : _____ Date : _____

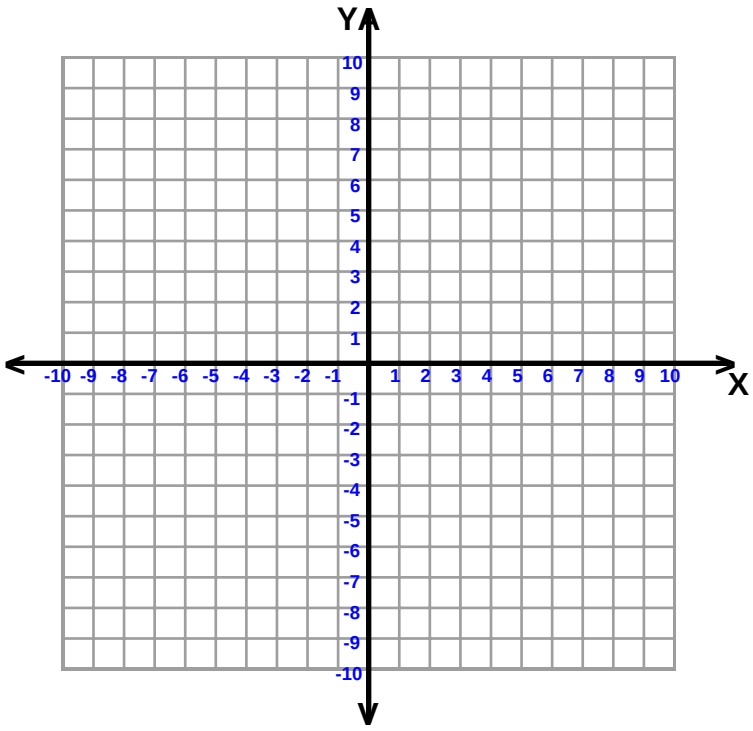
Graphing Logarithms

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

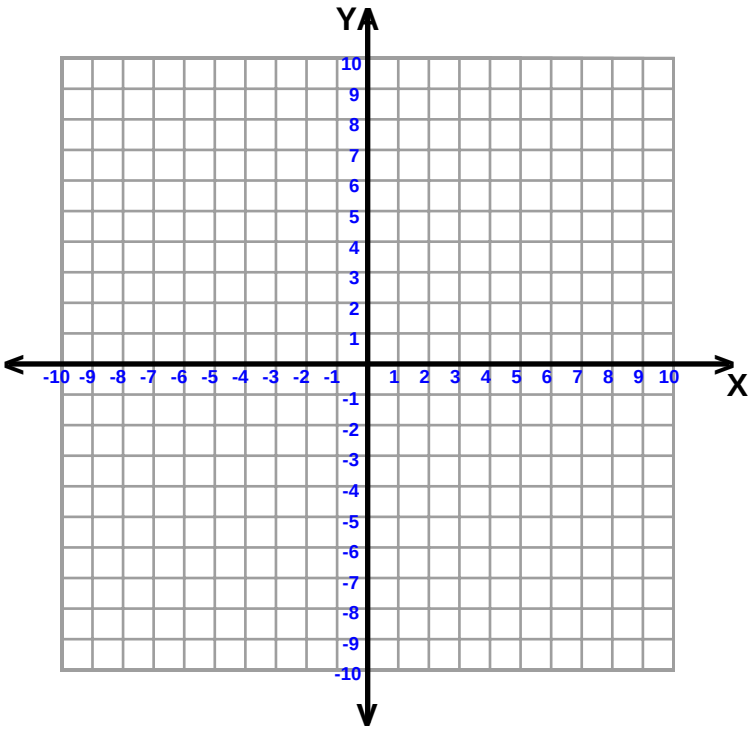
5) $y = \log_8 (3x - 4) - 3$



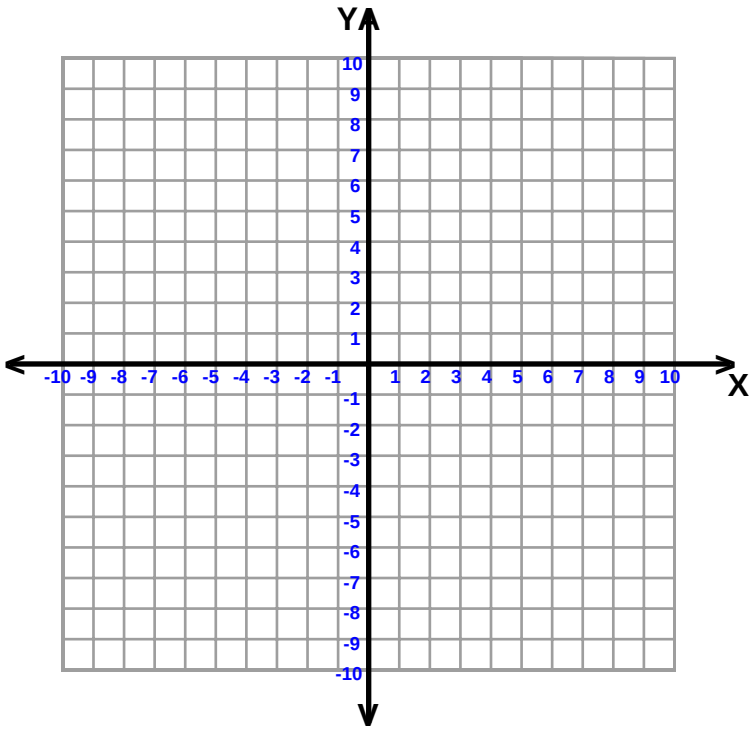
6) $y = \log_2 (4x - 3) - 5$



7) $y = \log_9 (2x - 5) + 3$



8) $y = \log_6 (4x - 5) + 3$



Name : _____ Score : _____

Teacher : _____ Date : _____

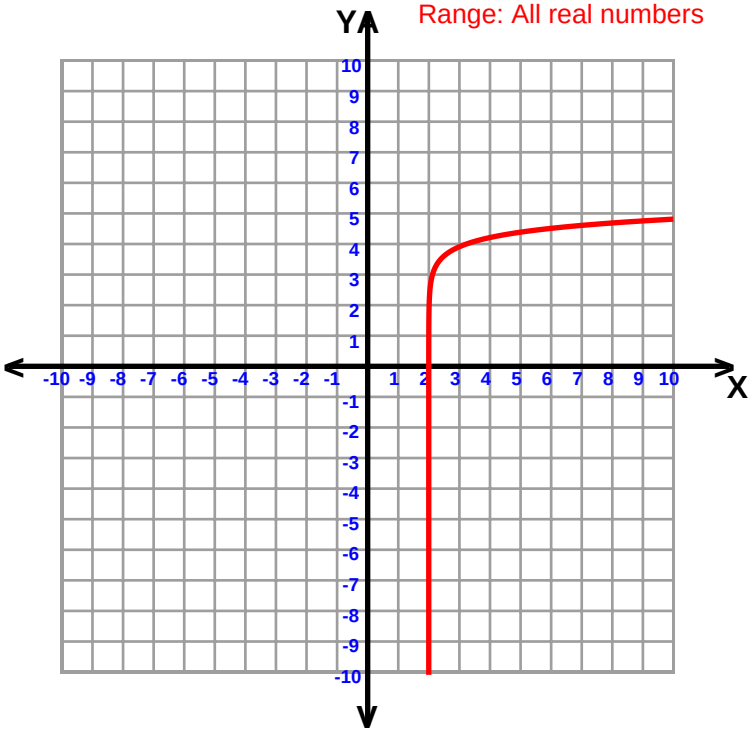
Graphing Logarithms

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

1) $y = \log (x - 2) + 4$

Domain: x > 2

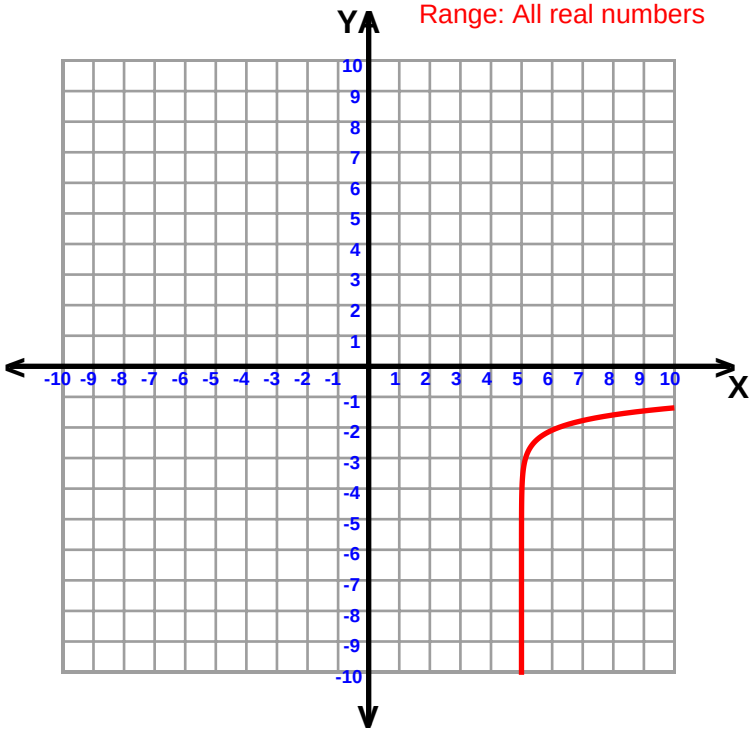
Range: All real numbers



2) $y = \log_9 (x - 5) - 2$

Domain: x > 5

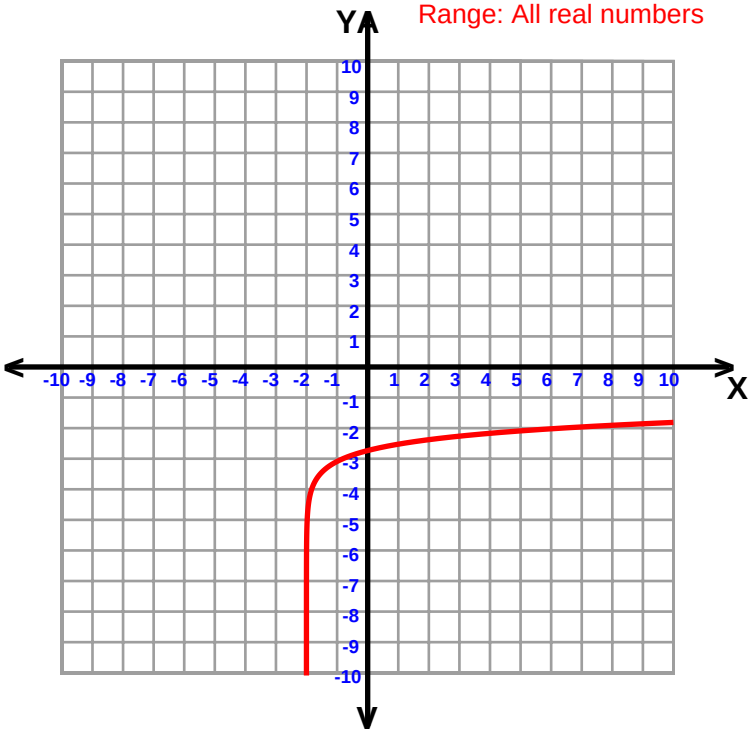
Range: All real numbers



3) $y = \log_7 (x + 2) - 3$

Domain: x > -2

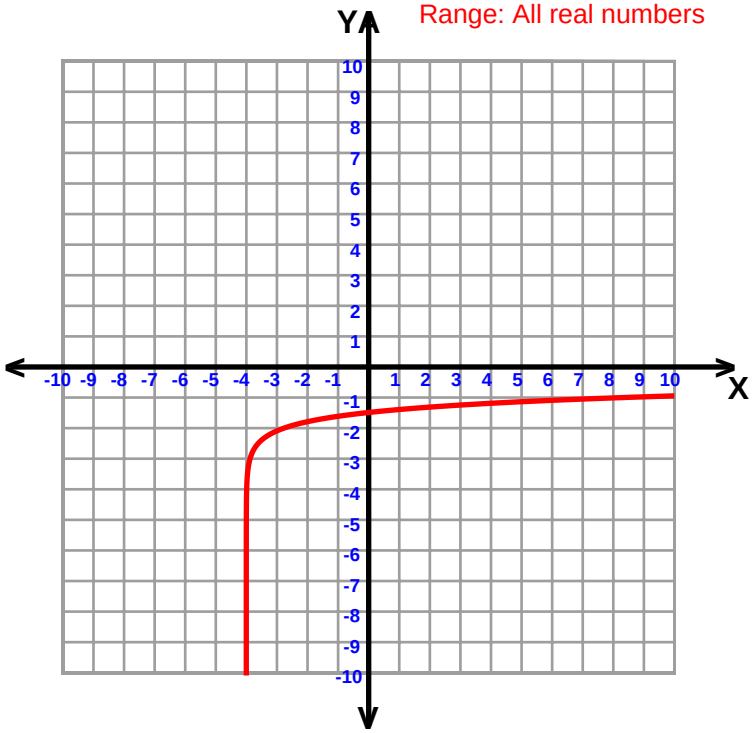
Range: All real numbers



4) $y = \log (x + 4) - 2$

Domain: x > -4

Range: All real numbers



Name : _____ Score : _____

Teacher : _____ Date : _____

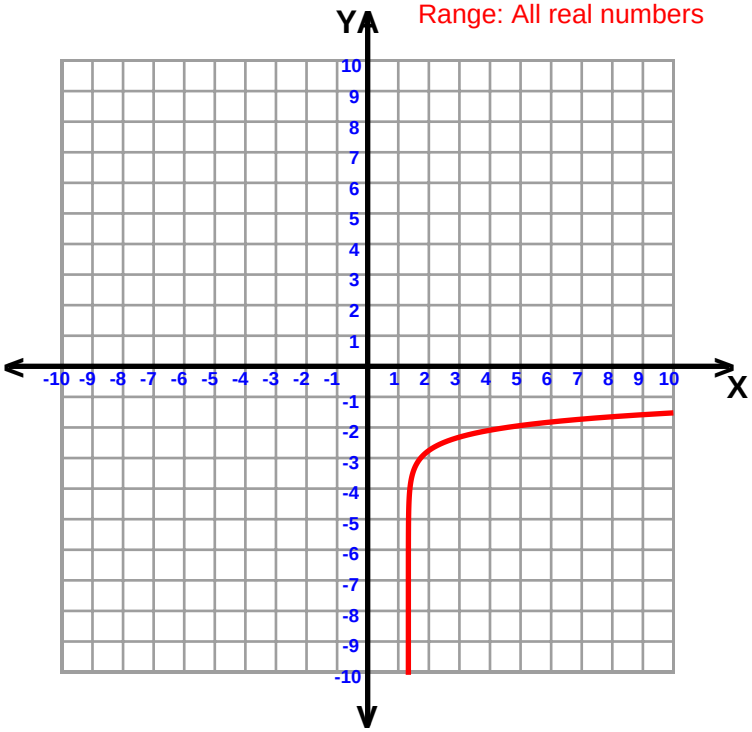
Graphing Logarithms

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

5) $y = \log_8 (3x - 4) - 3$

Domain: $x > \frac{4}{3}$

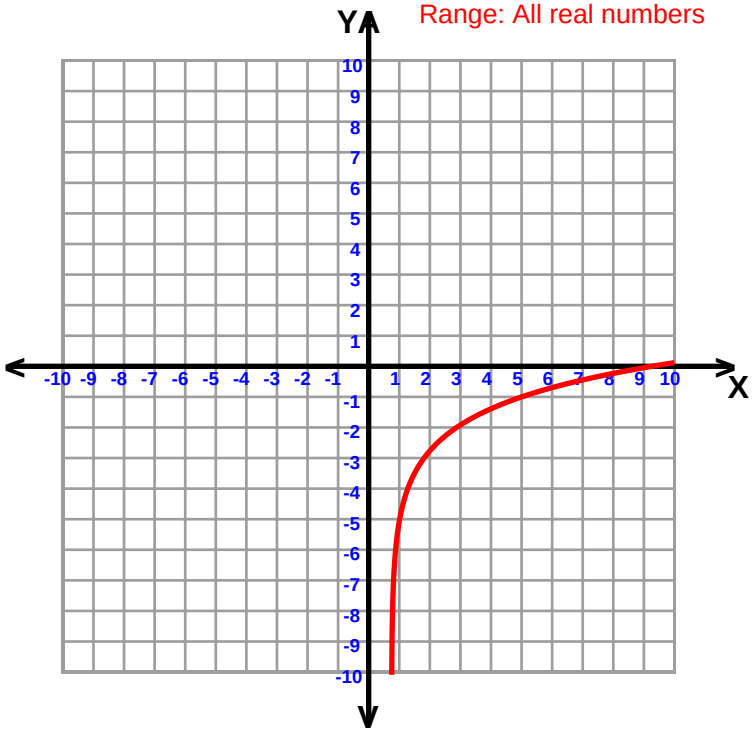
Range: All real numbers



6) $y = \log_2 (4x - 3) - 5$

Domain: $x > \frac{3}{4}$

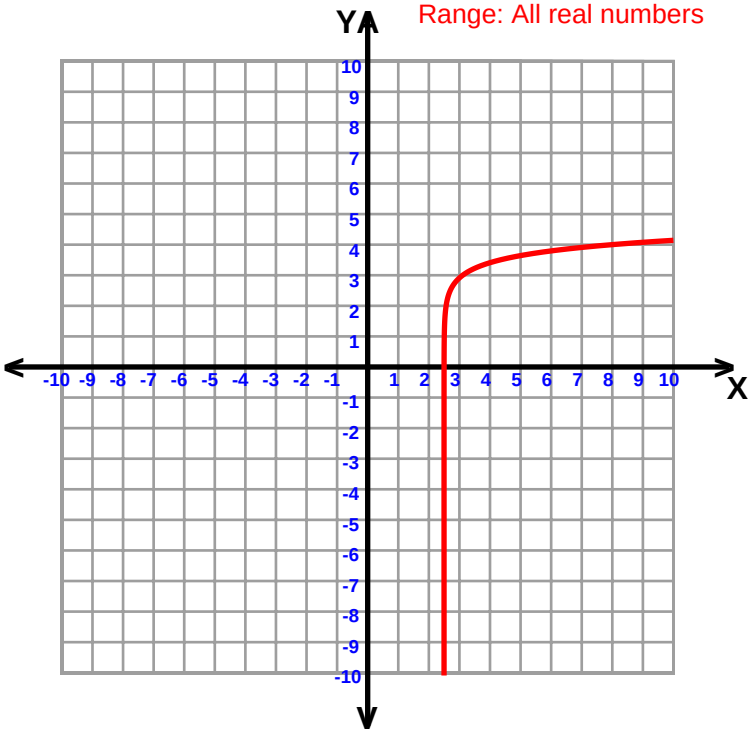
Range: All real numbers



7) $y = \log_9 (2x - 5) + 3$

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

Range: All real numbers



8) $y = \log_6 (4x - 5) + 3$

Domain: $x > \frac{5}{4}$

Range: All real numbers