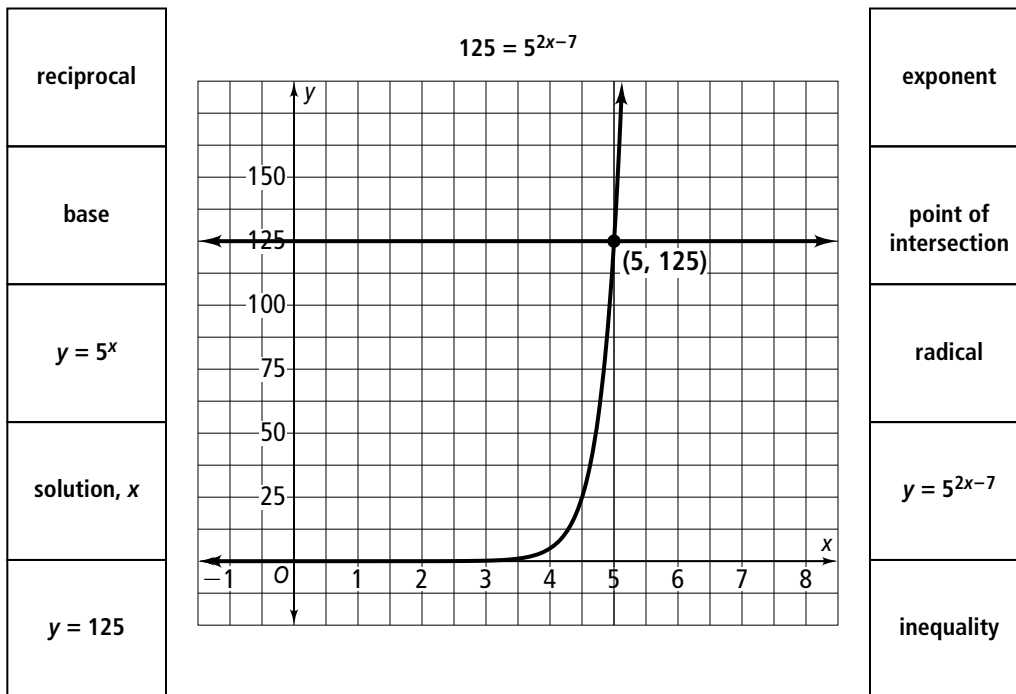


Additional Vocabulary Support

Solving Exponential Equations

Draw arrows from the labels to the parts they name. Cross out the labels you do not use.



Fill in the blanks to describe this key concept in words.

Key Concept Solving Exponential Equations with the Same Base

Let $b > 0$ and $b \neq 1$. Then $b^x = b^y$ if and only if $x = y$.

If two exponential expressions are equal and have the same _____, and if the base is greater than _____ and not equal to _____, then the exponents are also _____.