The hyperbolic graph of $\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$ has x-intercepts of _____. There are no _____.

A) $(a, 0) \ldots y$-intercepts

B) $(0, a) \ldots y$-intercepts

C) $(\pm a, 0) \ldots y$-intercepts

D) $(0, \pm a) \ldots y$-intercepts

The hyperbolic graph of $\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$ has x-intercepts of $\underline{(\pm a, 0)}$. There

are no $\underline{y - intercepts}$.

Answer **C**.

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