



7. Which of these has the smallest value?

A  $2016^{-1}$

B  $2016^{-1/2}$

C  $2016^0$

D  $2016^{1/2}$

E  $2016^1$

1677



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7. A The number  $2016^0$  has value 1. As  $2016 > 1$ ,  $2016^{1/2} < 2016^1$ . The values of their reciprocals,  $2016^{-1/2}$  and  $2016^{-1}$  are then in the opposite order. So the five options given are in numerical order, with  $2016^{-1}$ , or  $\frac{1}{2016}$ , being the smallest.