

How do you interpret these students' responses on their understanding of bases and/or place value?

<p>a. $43_5 \square 43_7$</p> <p>I looked at 43_5 and 43_7 since the 43 in both of them it was up to the base $5 < 7$ so 43_5 is $< 43_7$</p>	<p>b. $21_3 \square 12_3$</p> <p>I looked at 21_3 and 12_3 since the base is the same it's up to the digits $21_3 > 12_3$ 21_3 is $>$ than 12_3</p>
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<p>a. $43_5 \square 43_7$</p> <p>43_5 is lesser than 43_7 because base 7 is higher than base 5 and 43_7 has more units.</p>	<p>b. $21_3 \square 12_3$</p> <p>21_3 greater than 12_3 because even though there is the same base 21_3 has more units.</p>
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From: Dougherty, B. J. et al. (2003). Measure Up, Gr. 2. Honolulu, HI: University of Hawai'i at Mānoa, Curriculum Research & Development Group.