Lesson 6: What about Other Bases?

Cool Down: Spot the Mistake

1. Diego was trying to write $2^3 \cdot 2^2$ with a single exponent and wrote $2^3 \cdot 2^2 = 2^{3 \cdot 2} = 2^6$. Explain to Diego what his mistake was and what the answer should be.

2. Andre was trying to write $\dfrac{7^4}{7^{-3}}$ with a single exponent and wrote $\dfrac{7^4}{7^{-3}} = 7^{4-3} = 7^1$. Explain to Andre what his mistake was and what the answer should be.

Grade 8 Unit 7
Lesson 6

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