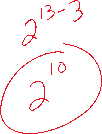
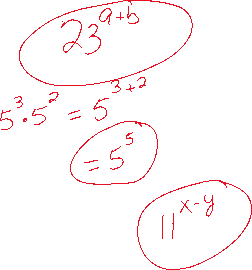
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Lesson 2 
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Lesson 2: 
Exit Ticket 
Multiplication of Numbers in Exponential Form 
Write each expression using the fewest number of bases possible. 
1. 
2. 
3. 
4. 
Let a and b be positive integers. 23a x 23b = 
53 x 25 = 
I IX 
Let x and y be positive integers and x > y. 
213 
23 — 
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Multiplication Of Numbers in Exponential 
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1. Let and be numbers and , and let and be positive integers. Write each expression using the fewest number of bases possible:



|  |  |
| --- | --- |
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|  |  |

1. Let the dimensions of a rectangle be by Determine the area of the rectangle. (Hint: You do not need to expand all the powers.)



1. A rectangular area of land is being sold off in smaller pieces. The total area of the land is square miles. The pieces being sold are square miles in size. How many smaller pieces of land can be sold at the stated size? Compute the actual number of pieces. (hint: change the to a base with 2 first)

