Talking Exponents

For the teacher:
1. Choose the representation that your students will create. You may need to tweak the PowerPoints depending on which representation you omit. (We suggest omitting the third description: Two times the product of x-squared and y-cubed.)
2. Chart the remaining 5 representations so that they can be displayed simultaneously with the PowerPoint slides.

1. The product of two x-squared and y, raised to the third power

2. The product of x-squared and y all raised to the third power times two

3. Two times the product of x-squared and y-cubed

A. $(2x^2y)^3$

B. $2(x^2y)^3$

C. $2(x^2y^3)$