

6.EE Exponent Experimentation 2

Task

Here are some different ways to write the value 16:

$$2^{4} 12 - (2^{1} + 2^{2}) + \frac{500}{50} 2^{3} + 2^{3} \frac{2}{3} \times 48^{1} - (1+3)^{2}$$

Find at least three different ways to write each value below. Include at least one exponent in all of the expressions you write.

- a. 81
- b. 2^5
- c. $\frac{64}{9}$