

## Exponents

## **Connect**

Some bacteria can divide in 2 every hour! If you caught one of these bacteria, how many could be in your body by the end of a 7 hour school day?

I do

$$2^6 =$$

---

$$\left(\frac{1}{4}\right)^4 =$$

---

$$(3.3)^3 =$$

We do

$$8^4 =$$

"eight to the fourth power"

---

$$\left(\frac{2}{3}\right)^5 =$$

---

$$(6.9)^3 =$$

You do together  
on whiteboard

$$5^4$$

---

$$\left(\frac{3}{4}\right)^3$$

---

$$(4.8)^5$$

You do alone on  
index card

$$11^3$$

---

$$\left(\frac{1}{3}\right)^4$$

---

$$(1.25)^5$$