

Tape Diagram Strategy for Multiplicative Comparisons

Connect

$$\underline{20} \times \underline{2} = \frac{?}{\downarrow}$$

## I do

Cody sharpened 8 pencils. Sarah sharpened 4 x as many as Cody. how many did she sharpen.

In another class, Jennifer sharpened 39 pencils, which was 3x as many as Randy. How many did randy sharpen?

## **We do**

Ryan can run for 5 minutes without stopping.  
His dad can run 10x as long. How long can his  
dad run?

Jane will read 2 times as many pages as Chris in  
one day. Jane reads 420 pages. How many pages  
will Chris read.

### **You do together on whiteboard**

Mowing my dad's yard takes 105 minutes.  
This is three times as long as it takes to  
mow my own yard.. Draw a model showing  
how long it takes to mow my yard.

**create a tape diagram to solve**

### **You do alone on index card**

Tennis balls cost \$5 each. Bowling balls  
cost 13 times as much. Draw a model that  
shows how much bowling balls cost.

**create a tape diagram to solve**