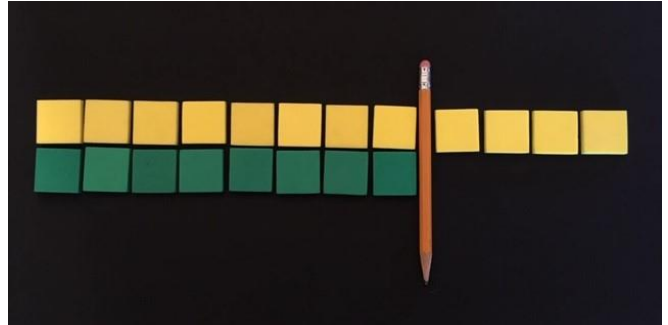


Comparison Problem Solving Models

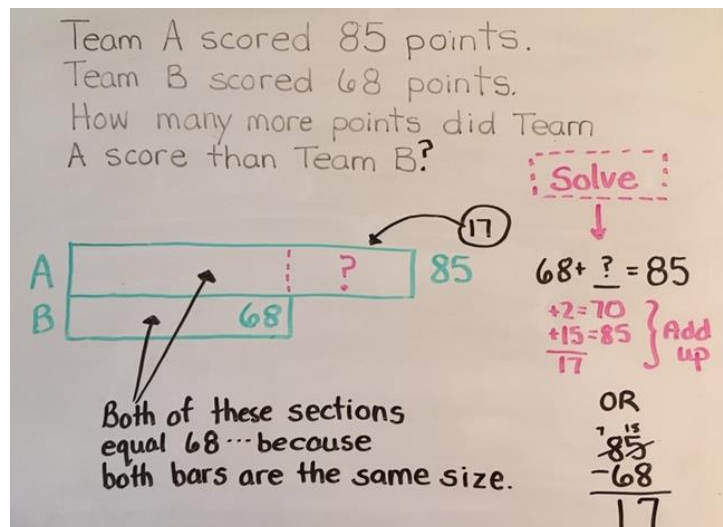
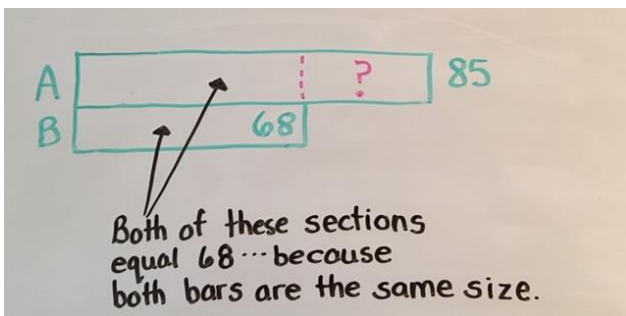
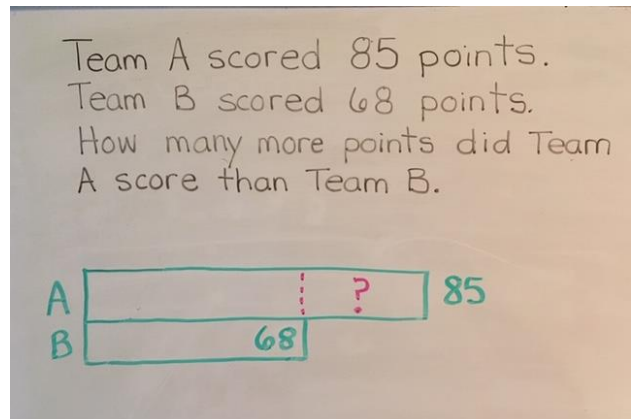
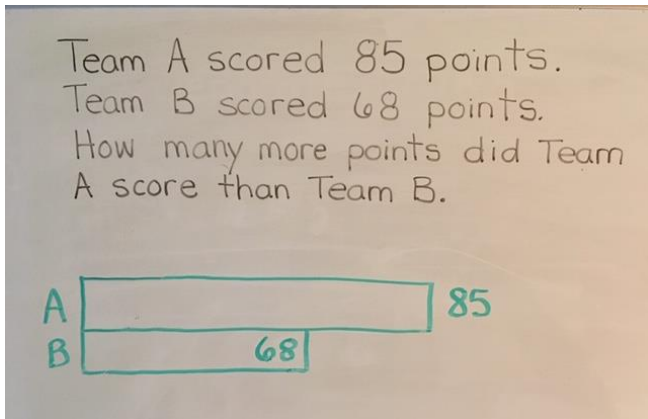
C. Elkins - Ok Math & Reading Lady: cindyelkins.edublogs.org

1. I have 12 crayons. My friend has 8 crayons. How many more crayons do I have than my friend?

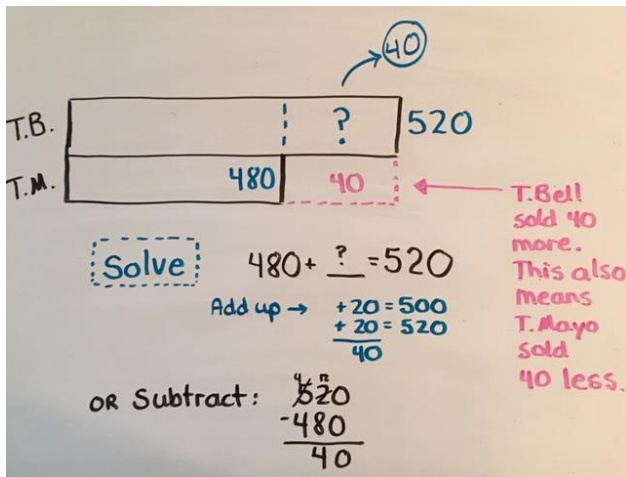
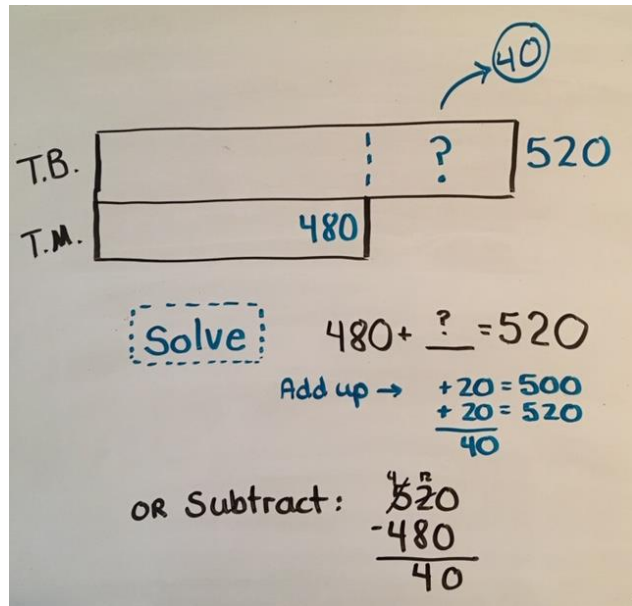
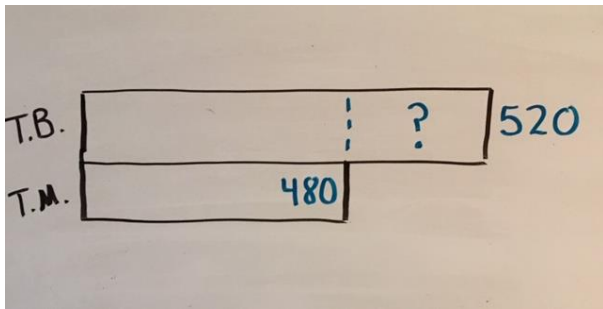


Double Bar (Both Totals Known)

2. Team A scored 85 points. Team B scored 68 points. How many more points did Team A score than Team B?

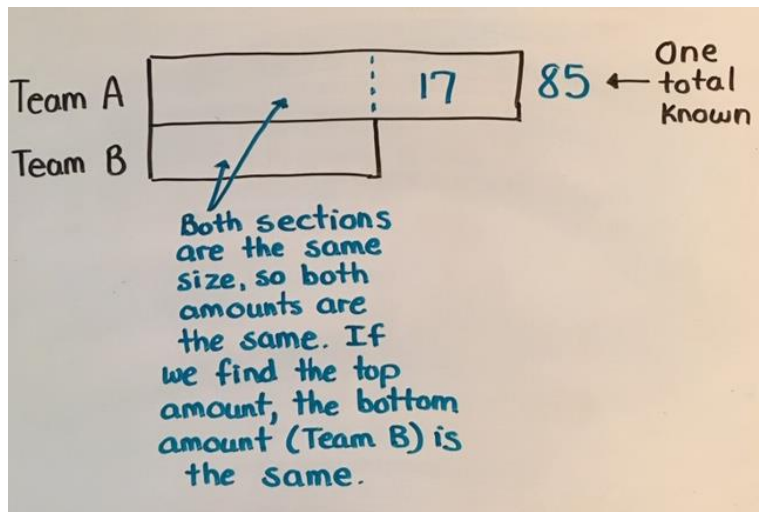
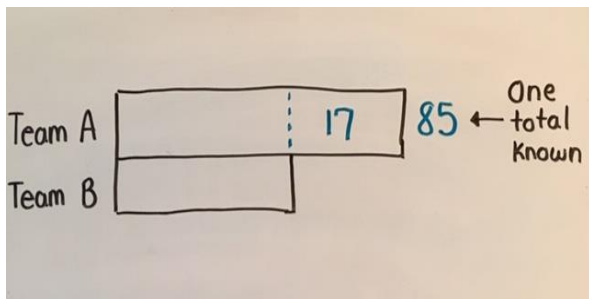


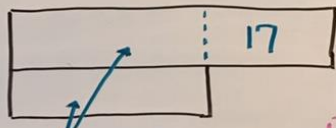
3. Taco Bell sold 520 tacos on Saturday. Taco Mayo sold 480. How many fewer tacos did Taco Mayo sell?



Double Bar (One Total Known)

4. Team A scored 85 points. This is 17 more points than Team B. How many points did Team B score?



Team A  85 ← One total Known

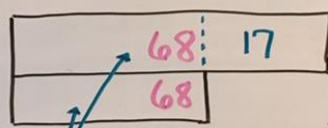
Team B

Both sections are the same size, so both amounts are the same. If we find the top amount, the bottom amount (Team B) is the same.

Solve

$$\begin{array}{r} 7 \ 15 \\ 85 \\ -17 \\ \hline 68 \end{array}$$

Check: $68 + 17 = 85$ ✓

Team A  85 ← One total Known

Team B

Both sections are the same size, so both amounts are the same. If we find the top amount, the bottom amount (Team B) is the same.

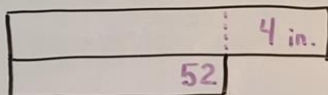
Solve

$$\begin{array}{r} 7 \ 15 \\ 85 \\ -17 \\ \hline 68 \end{array}$$

Check: $68 + 17 = 85$ ✓

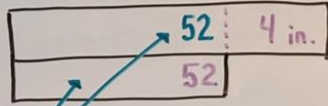
5. Jeremy is 4 inches taller than Andrew. Andrew is 52 inches tall. How tall is Jeremy?

Jeremy is 4 inches taller than Andrew. Andrew is 52 inches. How tall is Jeremy?

J  4 in. ← One total Known

A 52

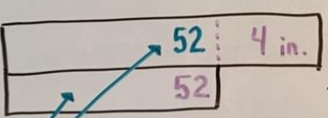
Jeremy is 4 inches taller than Andrew. Andrew is 52 inches. How tall is Jeremy?

J  52 4 in. ← One total Known

A 52

Since the bottom bar (Andrew) is 52", then the top section above it is also 52".

Jeremy is 4 inches taller than Andrew. Andrew is 52 inches. How tall is Jeremy?

J  52 4 in. (56) ← One total Known

A 52


Since the bottom bar (Andrew) is 52", then the top section above it is also 52".


Solve

$$\begin{array}{r} 52 \\ + 4 \\ \hline 56 \text{ in.} \end{array}$$

Bar Model / Comparison

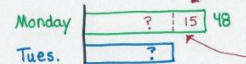
Bakery Cupcakes


Monday  48

Tues. 

• The bakery sold 48 cupcakes on Monday.

• This is 15 more than they sold on Tuesday.

Monday  ? 15 48

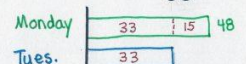
Tues. 

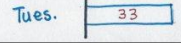
Draw a vertical line even with the bar below. This represents the "15 more."

The areas with the ? are the same amount.

• How many cupcakes were sold on Tuesday?

$$\begin{array}{r} 48 \\ -15 \\ \hline 33 \end{array}$$

Monday  33 15 48

Tues.  33

33 cupcakes were sold on Tuesday.