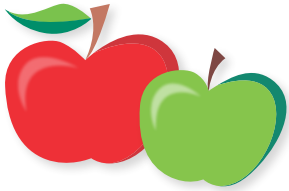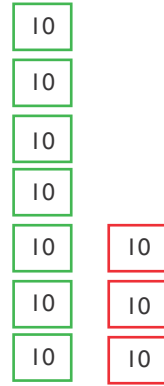Nate has 70 green apples. He has 30 red apples. How many more green apples does Nate have than red ones?

How can I model this problem?

I can use pictures, objects, and equations to show and solve this problem. Then I can decide if my model makes sense.

I will draw a picture and write an equation.

10
10
10
10
10   10
10   10
10   10

$70 - 30 = \underline{40}$

$7 \text{ tens} - 3 \text{ tens} = 4 \text{ tens}$
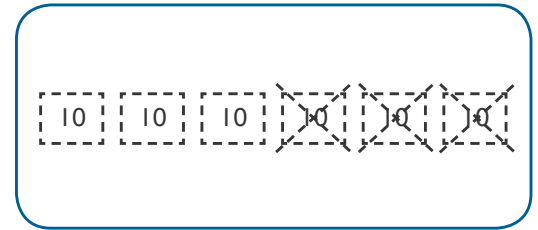
Nate has _40_ more green apples.

I can show my work in another way!

Convince Me! In the example above, how do the boxes of 10 help model the problem?

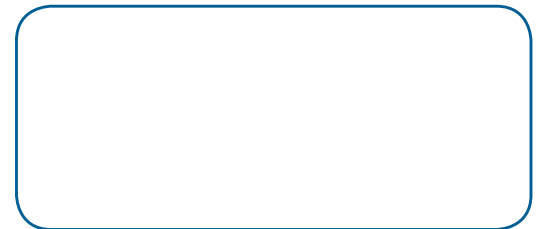★ **Guided Practice** ★ Use drawings, models, or equations to solve.

1. A store has 60 muffins. It sells 30 of the muffins. How many muffins does the store have now?

   10   10   10   ⟡ ⟡ ⟡

   _30_ muffins

2. Andy has 84 baseball cards. He has 10 more cards than Tia has. How many cards does Tia have?

   _____ cards

Independent Practice ☆ Use drawings, models, or equations to solve. Explain your work.

3. Viola has 80 stickers.
Dean has 60 stickers.
How many more stickers
does Viola have than Dean?

_____ more stickers

4. Carla reads some pages in
a book. She reads 20 pages
less than Mary reads. Mary
reads 50 pages. How many
pages did Carla read?

_____ pages

5. A store has 72 toy cars.
It sells 10 cars.
How many cars does the
store have left?

_____ cars

Problem Solving

Dog Walking James, Emily, and Simon walk dogs after school.

On Monday, they have 40 dogs to walk. James and Emily take 20 of the dogs for a walk. How many dogs are left for Simon to walk?

6. **Make Sense** What problem do you need to solve?

_____

_____

_____

7. **Use Tools** What tool or tools can you use to solve this problem?

_____

_____

_____

8. **Model** Write an equation to show the problem. Then use pictures, words, or symbols to solve.

_____ ◯ _____ = _____

_____ dogs

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