Unit 8, Lesson 4

Change Unknown Story Problems

Let’s solve story problems.

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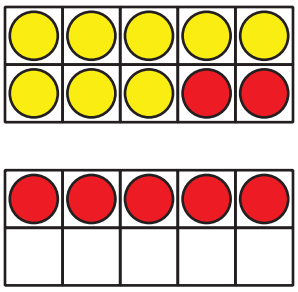
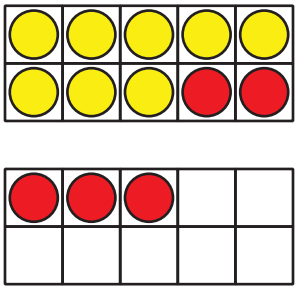
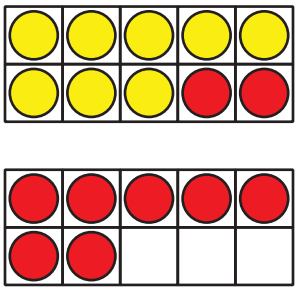
Warm-up

How Many Do You See: Numbers to 20

How many do you see?
How do you see them?







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Activity 1

Field Trip to the Aquarium

Solve each problem.
Show your thinking using drawings, numbers, or words.

1. Clare sees 8 sea turtles swimming.
   Some more turtles join them.
   Now there are 15 turtles.
   How many turtles join the group?

2. 17 penguins sit on the rocks.
   Some of the penguins jump into the water.
   Now 5 penguins sit on the rocks.
   How many penguins jump into the water?

3. The trainer brings out a bucket of 20 fish.
   The seals eat some of the fish.
   Now there are 3 fish left in the bucket.
   How many fish do the seals eat?

4. In the touch pools, Tyler touches 6 stingrays.
   Then he touches some sea stars.
   Tyler touches 14 animals all together.
   How many sea stars does Tyler touch?

Activity 2

Find the Unknown Number

Clare watches 16 bullfrogs at the aquarium.
Then some of them swim away.
Now Clare can only see 9 bullfrogs.
How many bullfrogs swim away?

Andre wrote $16 - \square = 9$, but he doesn't know how to find the unknown number.

Show Andre how you would find the unknown number.
Show your thinking using drawings, numbers, or words.