# Lesson 14: Which Equation Matches?

- Let's think about story problems and equations.

## Warm-up: Which One Doesn't Belong: Equations

Which one doesn't belong?

A. $10 = 6 + 4$

B. $16 - 5 = 11$

C. $11 = 6 + 4 + 1$

D. $3 + \boxed{\phantom{x}} = 11$
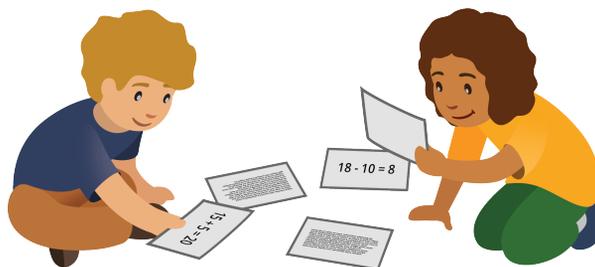
## 14.2: Stories and Equations

For each problem, circle the **2** equations that match the story. You can use objects or drawings to represent the problem, if it helps you.

1. Jada uses 8 pictures of people.
   She also uses some pictures of animals.
   Altogether she uses 11 pictures.
   How many pictures of animals does she use?

   ○ $8 + 11 = ?$
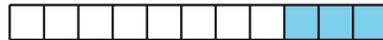
   ○ $8 + ? = 11$

   ○ $11 - 8 = ?$

2. Kiran has 19 pictures.
   He gives some to his sister.
   Now, he has 11 pictures left.
   How many pictures did Kiran give to his sister?

   ○ $11 + 19 = ?$

   ○ $19 - ? = 11$

   ○ $19 - 11 = ?$

3. Han's collage has 16 stamps.
   Lin's collage has 10 fewer stamps.
   How many stamps does Lin's collage have?

   ○ $10 + 16 = ?$

   ○ $10 + ? = 16$

   ○ $16 - 10 = ?$

4. Elena uses 9 more stickers than Andre.
   Andre uses 5 stickers.
   How many stickers does Elena use?

   ○ $9 + 5 = ?$

   ○ $5 + 9 = ?$

   ○ $9 - 5 = ?$

5. Noah has 6 stamps.
   Tyler has 16 stamps.
   How many fewer stamps does Noah have than Tyler?

   ○ $6 + ? = 16$

   ○ $16 - 6 = ?$

   ○ $? - 6 = 16$

6. Clare has some stickers.
   She gives 9 of them to her friends.
   She has 5 stickers left.
   How many stickers did Clare have to start with?

   ○ $5 + 9 = ?$

   ○ $9 - 5 = ?$

   ○ $? - 9 = 5$

If you have time: Choose a story problem to solve.
Show your thinking using drawings, numbers, or words.