Which Equation Matches?

Let's think about story problems and equations.

Warm-up

Which Three Go Together: Different Equations

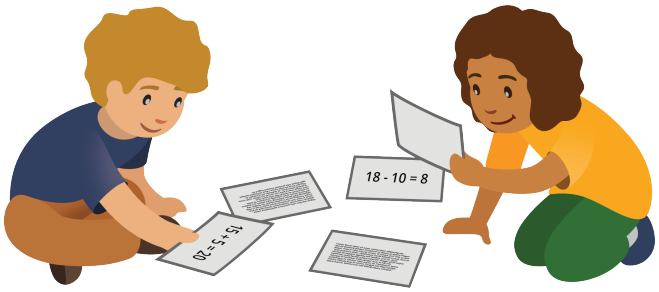
Which 3 go together?

A. $10 = 6 + 4$

B. $16 - 5 = 11$

C. $11 = 6 + 4 + 1$

D. $3 + \square = 11$



Activity 2

Stories and Equations

Circle the **2** equations that match each story.

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?

   - $5 + 9 = ?$
   - $9 - 5 = ?$
   - $? - 9 = 5$

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