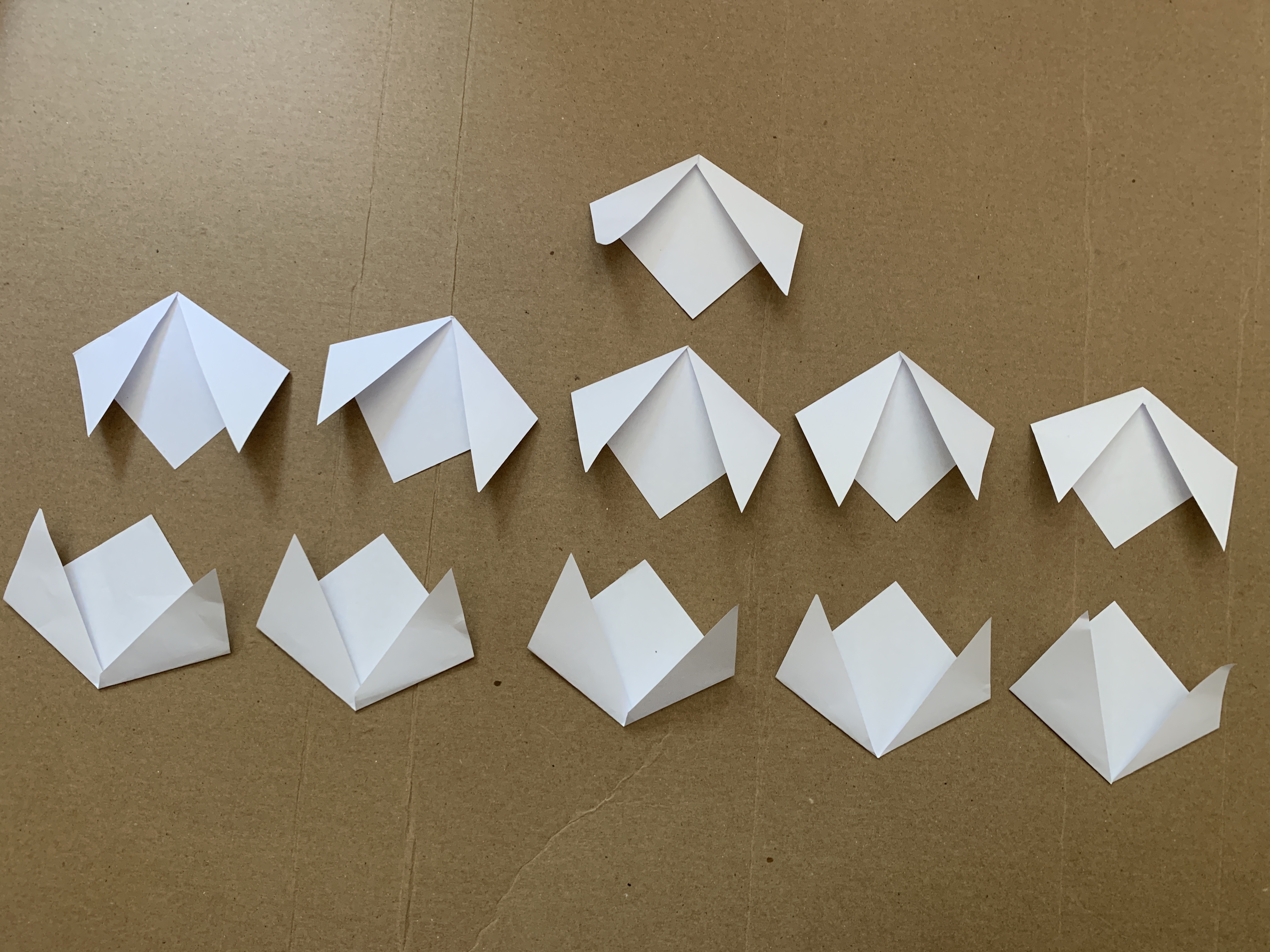
## Lesson 17: Puppies and Tulips

* Let’s make origami and tell and solve story problems using the words “more” and “fewer.”

### Warm-up: Notice and Wonder: Puppies and Tulips

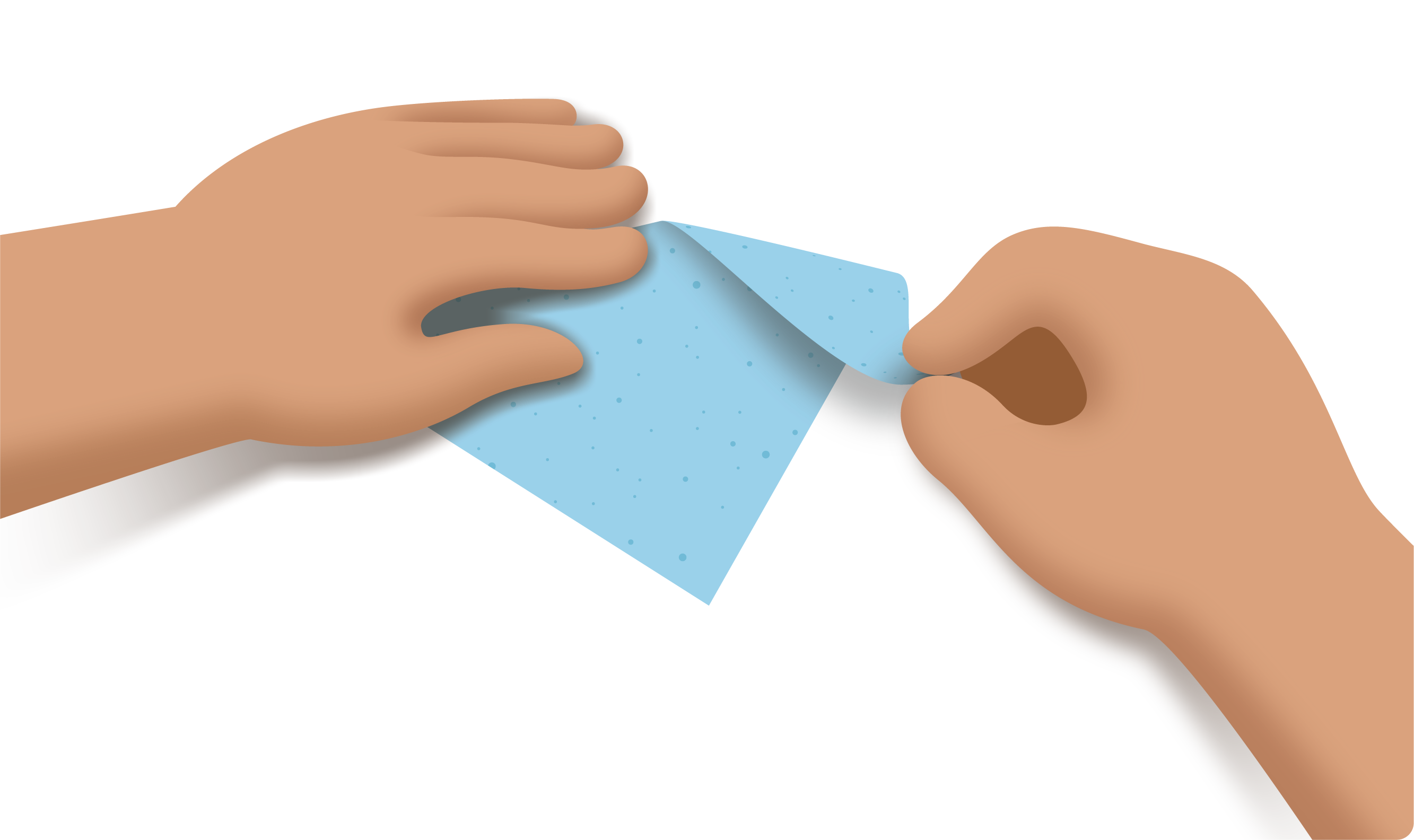
What do you notice?  
What do you wonder?



### 17.1: Puppy and Tulip Stories



1. For each paper you fold, decide if it is a puppy or a tulip:
   1. Total: \_\_\_\_\_\_\_\_\_\_\_\_
   2. Tulips: \_\_\_\_\_\_\_\_\_\_\_\_
   3. Puppies: \_\_\_\_\_\_\_\_\_\_\_\_

* 

1. Complete the 2 sentences that apply to your story.
   1. There are \_\_\_\_\_\_ *fewer* puppies than tulips.
   * There are \_\_\_\_\_ tulips.
   * How many puppies are there?
   1. There are \_\_\_\_\_\_\_\_\_\_\_\_ *fewer* tulips than puppies.
   * There are \_\_\_\_\_\_\_\_\_\_\_\_tulips.
   * How many puppies are there?
   1. There are \_\_\_\_\_\_\_\_\_\_\_\_ *more* tulips than puppies.
   * There are \_\_\_\_\_\_\_\_\_\_\_\_tulips.
   * How many puppies are there?
   1. There are \_\_\_\_\_\_\_\_\_\_\_\_ *more* puppies than tulips.
   * There are \_\_\_\_\_\_\_\_\_\_\_\_ tulips.
   * How many puppies are there?

### 17.2: Act it Out

Group A: Read your problems to your partner group.

Group B:

1. Act out and solve the problems.  
   Show your thinking using drawings, numbers, or words.
2. Write an equation to represent each story problem.
3. What do you notice about the story problems and the equations you wrote?

* Switch roles.



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