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Foot Parade
Grade 1-2

Introduction

This activity provides students an opportunity to think creatively about pairs of numbers and their sums. Number flexibility, seeing a number as different combinations of other numbers, is an important part of number sense. This problem can be solved in many different ways with visuals and manipulatives, and the work students produce will be great to display, providing visual reminders of number flexibility.

Agenda

Activity	Time	Description/Prompt	Materials
Mindset Message	10 min	Share the messages from the mindset video.	
Introduce Foot Parade	10 min	• Project the Foot Parade image. • Ask students how many feet each animal has and record the number on the sheet • Model a foot parade that makes 12 using the animal cards	• 1 copy of the Foot Parade animal projection sheet • 1 Set of Foot Parade cards
Explore Foot Parade	15 min	• Ask students to make their own foot parade of 12 feet using the animal cards • Ask students to write number sentences that show their foot parade has 12 feet.	• Sets of Foot Parade cards • Construction paper • Glue sticks • Paper and pencil • Colored pencils or pens
Share Foot Parade	10 min	• Invite students to share their foot parade posters • Record the foot parade combinations on the whiteboard using numbers.	
Debrief Mindset Message	5 min	Debrief the mindset messages for this activity.	

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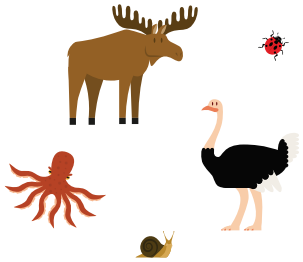
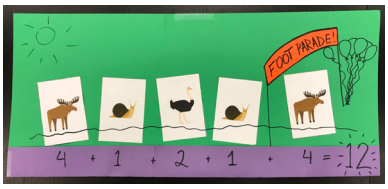
Watch the mindset video before class. See if there are any clips from the video you want to share with your class. At the beginning of class share the mindset messages from the video with your students.

Introduce students to the idea of a foot parade of animals. Display the Foot Parade sheet. First ask students to determine how many feet each animal has. You can do this as a number talk, first asking how many feet the ostrich has and recording all of the answers students offer without evaluating which answer is correct. When students have come to agreement on the number of feet for an animal record the number in the box.



Model a Foot Parade using cards from the Foot Parade deck. Your foot parade should have a total of 12 feet. Ask students to make their own parade, that is different from yours, and that has a total of 12 feet. Students can choose and order the animal cards to show a parade of 12.



After students have built their parade, they can color and glue their animal parades on larger pieces of paper. Display their parades and discus the different ways they made 12 out of animal feet.

While students are working on the problem watch and listen to how students keep track of the number of feet. How do they record their answers? Ask students how they might show the feet and keep track of the total number of feet. If students make mistakes, discuss the importance of mistakes when doing mathematics.

Extensions

- What if you counted 18 feet? How many animals/insects could be in the parade then? Show how you know.
- Make a Foot Parade of any length you choose.
- Decide on a number of feet. Make an animal parade that equals that number of feet. Post the parade and cover one of the animals. Ask students, if this Foot Parade makes the given length, how many feet does the animal have that is hiding behind this paper? Is there more than one way to get to this total?

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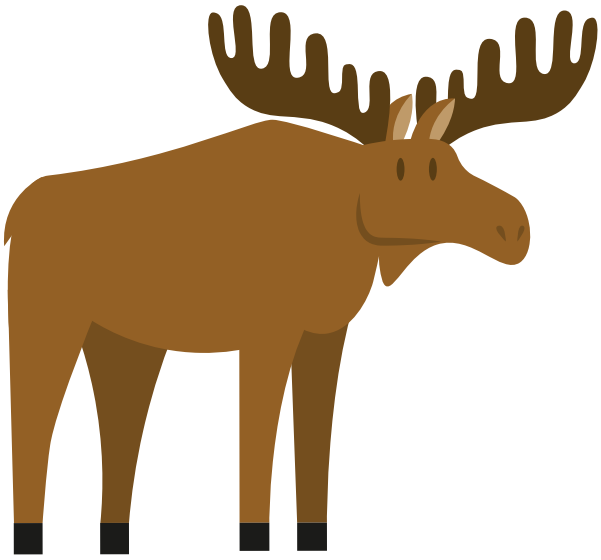

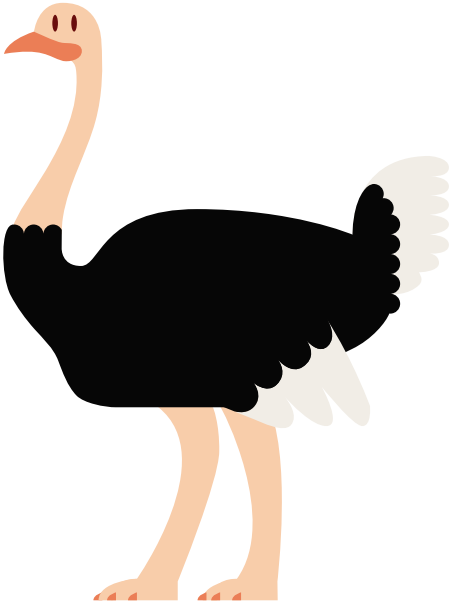

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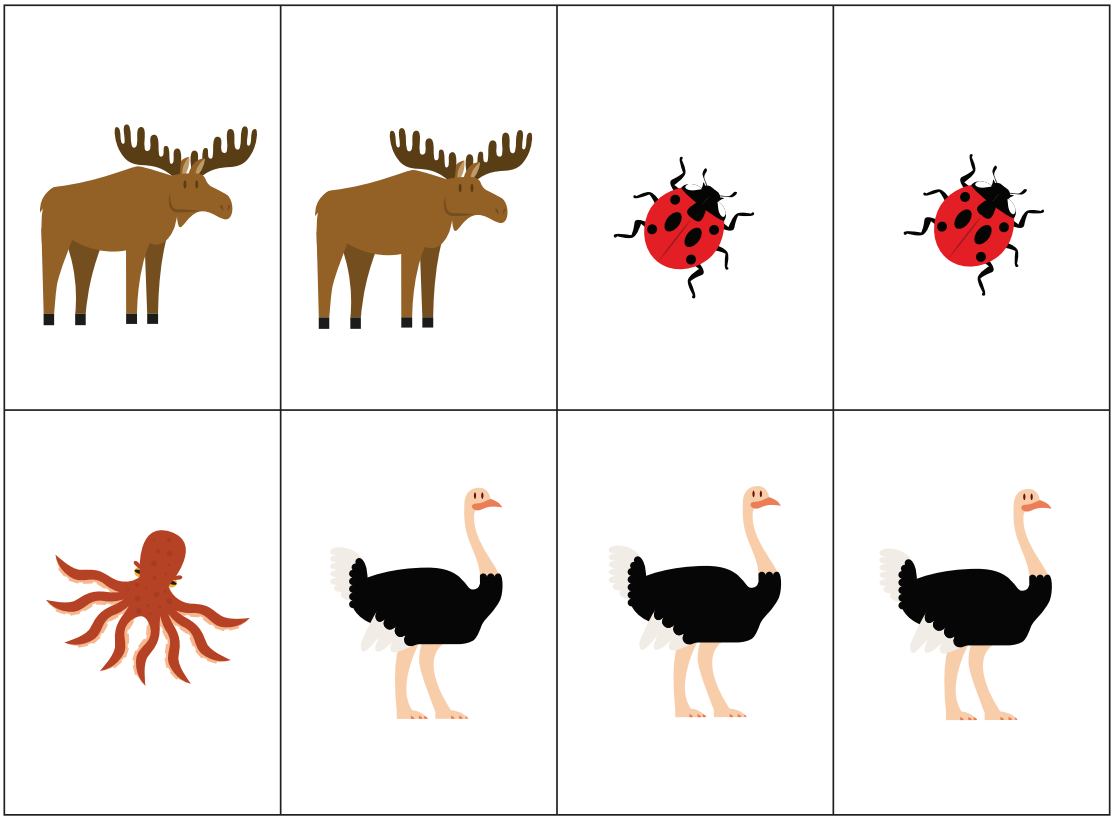

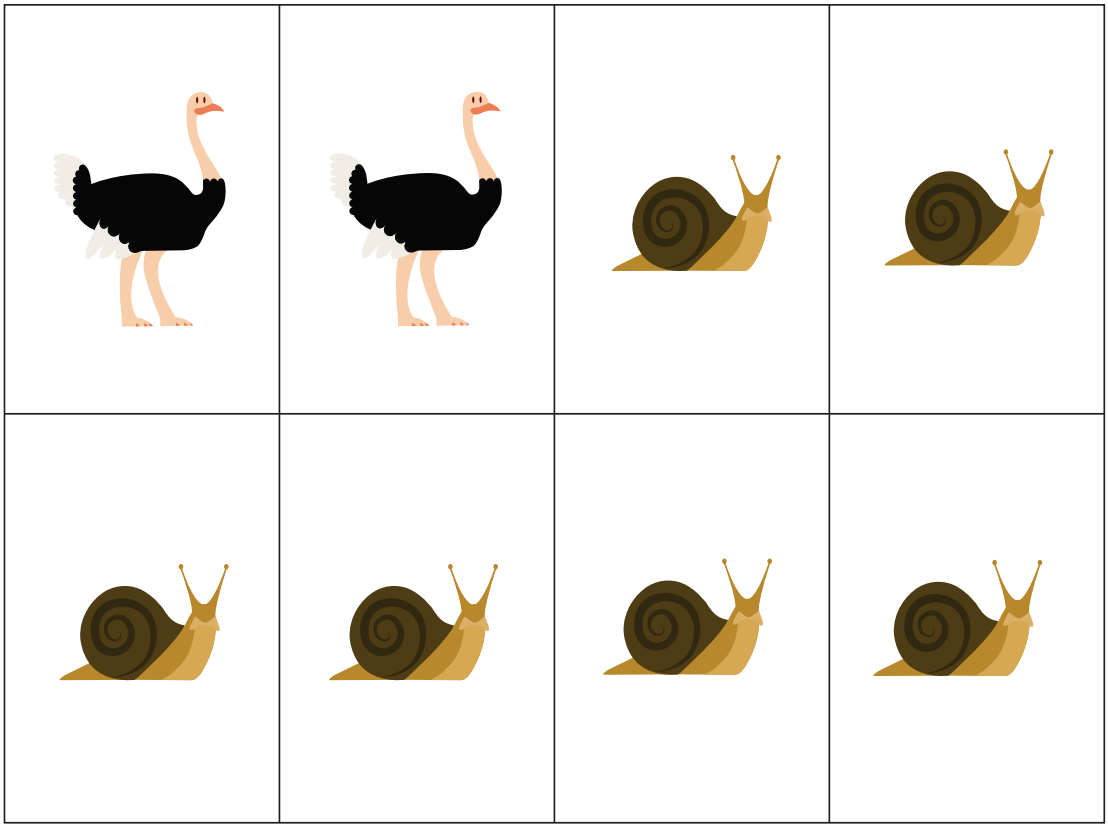

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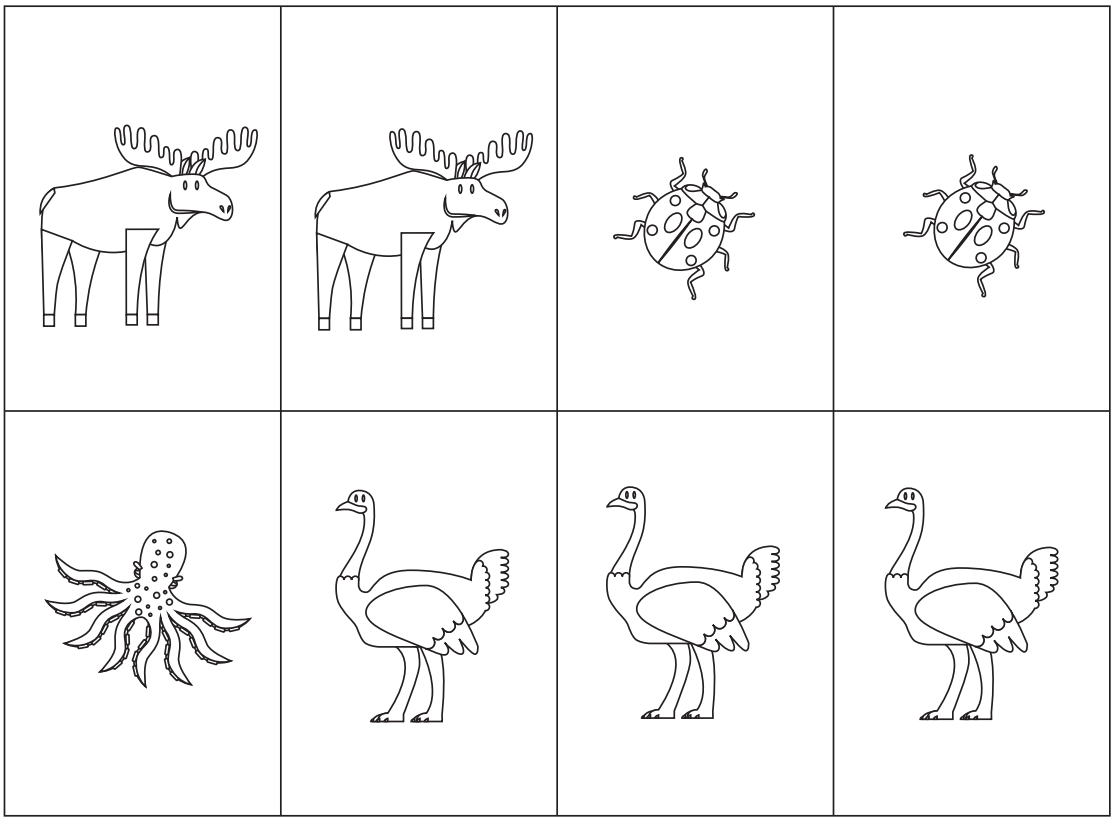

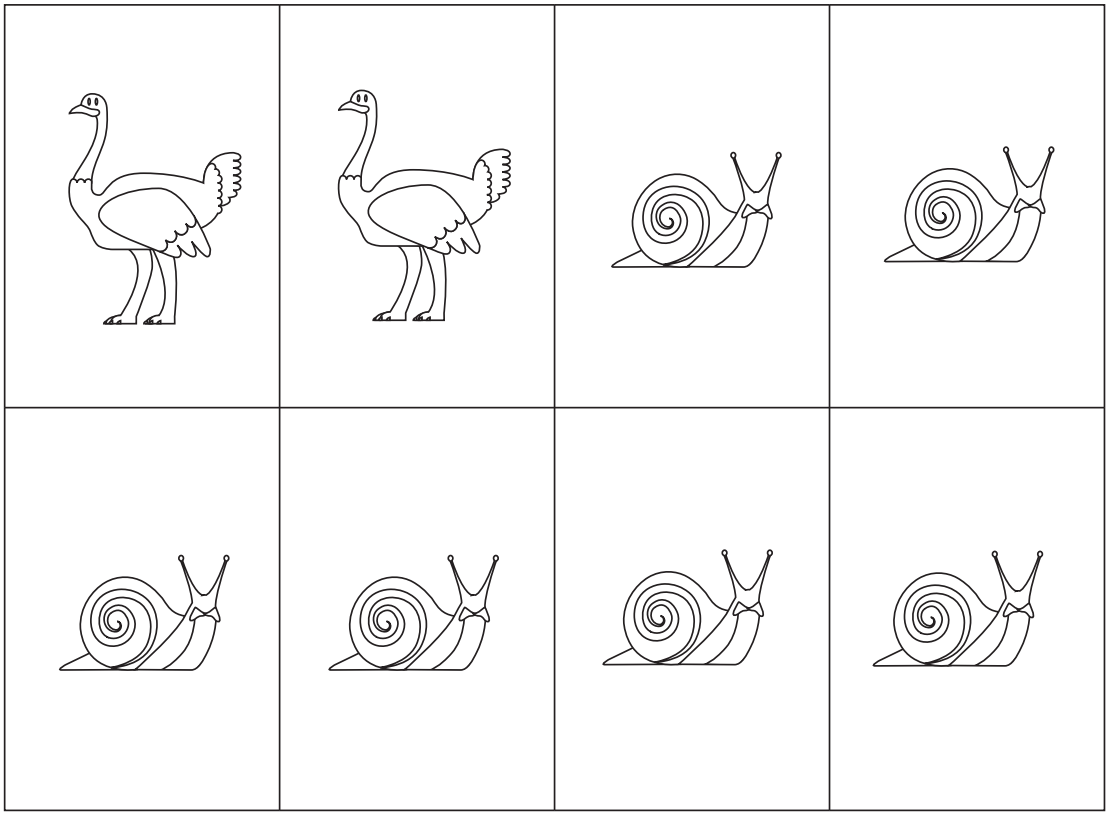

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