

Lesson 15: Expressions and Drawings

Standards Alignments

Addressing K.CC.A.3, K.OA.A.1, K.OA.A.2

Teacher-facing Learning Goals

- Interpret expressions in relation to drawings.

Student-facing Learning Goals

- Let's match expressions to drawings.

Lesson Purpose

The purpose of this lesson is for students to connect expressions to drawings.

In previous lessons, students created drawings to represent story problems and connected drawings and expressions to story problems. In this lesson, students match expressions to drawings and create drawings and expressions. This lesson is moving students toward a more abstract understanding of expressions (MP2). In previous lessons, students had the context of a story problem and a clear action to help them relate to the expressions. In this lesson, students use their understanding of the plus and minus signs to determine whether to add or subtract.

Access for:

Students with Disabilities

- Action and Expression (Activity 1)

English Learners

- MLR8 (Activity 2)

Instructional Routines

Notice and Wonder (Warm-up)

Materials to Gather

- Crayons: Activity 3
- Materials from previous centers: Activity 3
- Two-color counters: Activity 3

Materials to Copy

- Shake and Spill Stage 3 Recording Sheet
Kindergarten (groups of 1): Activity 3

Lesson Timeline

Warm-up

10 min

Teacher Reflection Question

Revisit the norms you established as a class about doing mathematics. Which norms are

Activity 1	10 min	working and which might need revision? Are there any norms you or your students might want to add?
Activity 2	10 min	
Activity 3	25 min	
Lesson Synthesis	5 min	

Cool-down (to be completed at the end of the lesson)

🕒 0 min

Unit 4, Section C Checkpoint

Standards Alignments

Addressing K.OA.A.1, K.OA.A.2

Student-facing Task Statement

Lesson observations

Student Responses

- Explain how an expression connects to a drawing or story problem.
- Fill in an expression to represent a drawing.