



# EDUKALA



 **dheerya**  
foundation



**MATH**

**1st  
Grade**



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# SINGLE DIGIT SUBTRACTION

- Single digit subtraction is a fundamental mathematical concept that involves subtracting a single digit number from another single digit number. For example,  $3 - 2 = 1$ .
- To perform single digit subtraction, students are taught to start with the larger number and count backwards the number of times equal to the smaller number.
- For example, to solve  $5 - 2$ , a student would start with the number 5 and count backwards two times, arriving at the answer of 3



# OBJECTIVES



- Students understand the concept of subtraction as taking away or finding the difference between two quantities.
- Students are able to recognize and name the symbols used in subtraction (minus sign, equal sign)
- Students are able to apply the strategy of counting backwards from the larger number to the smaller number to solve subtraction problems



# OBJECTIVES



- They are able to use concrete objects, visual aids, and manipulatives (e.g. blocks, pictures, number lines) to understand and solve subtraction problems.
- Use subtraction to compare two quantities and determine which is larger or smaller.



# PRE-REQUISITES

- Pencils
- Dice (Activity 1)
- Cubes/blocks (for both activities)
- Printout of Recording Sheet (Activity 1)
- Printout of Subtraction match worksheet
- Action figure (or any token to represent the student)



# ACTIVITY-1

## Find the Difference Face Off!

### FIND THE DIFFERENCE FACE OFF! SUBTRACTION GAME

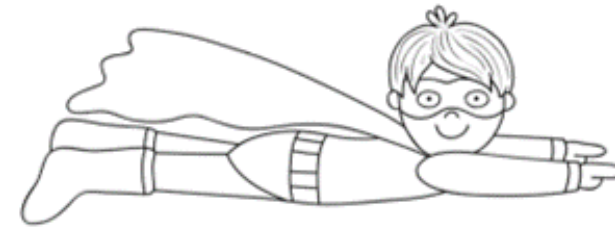
Here's a fun hands-on subtraction game to play. Grab some math cubes or LEGO bricks, a die (12-sided, or use two dice), a pencil, and this recording page. Print one recording page for each player.

To play, each player will roll the dice and then build a tower with that many math cubes. Then it's time for a face off! Which tower has more cubes? What is the difference? Write a subtraction sentence in the recording box to show what happened.



# ACTIVITY-1

Recording  
sheet for boys



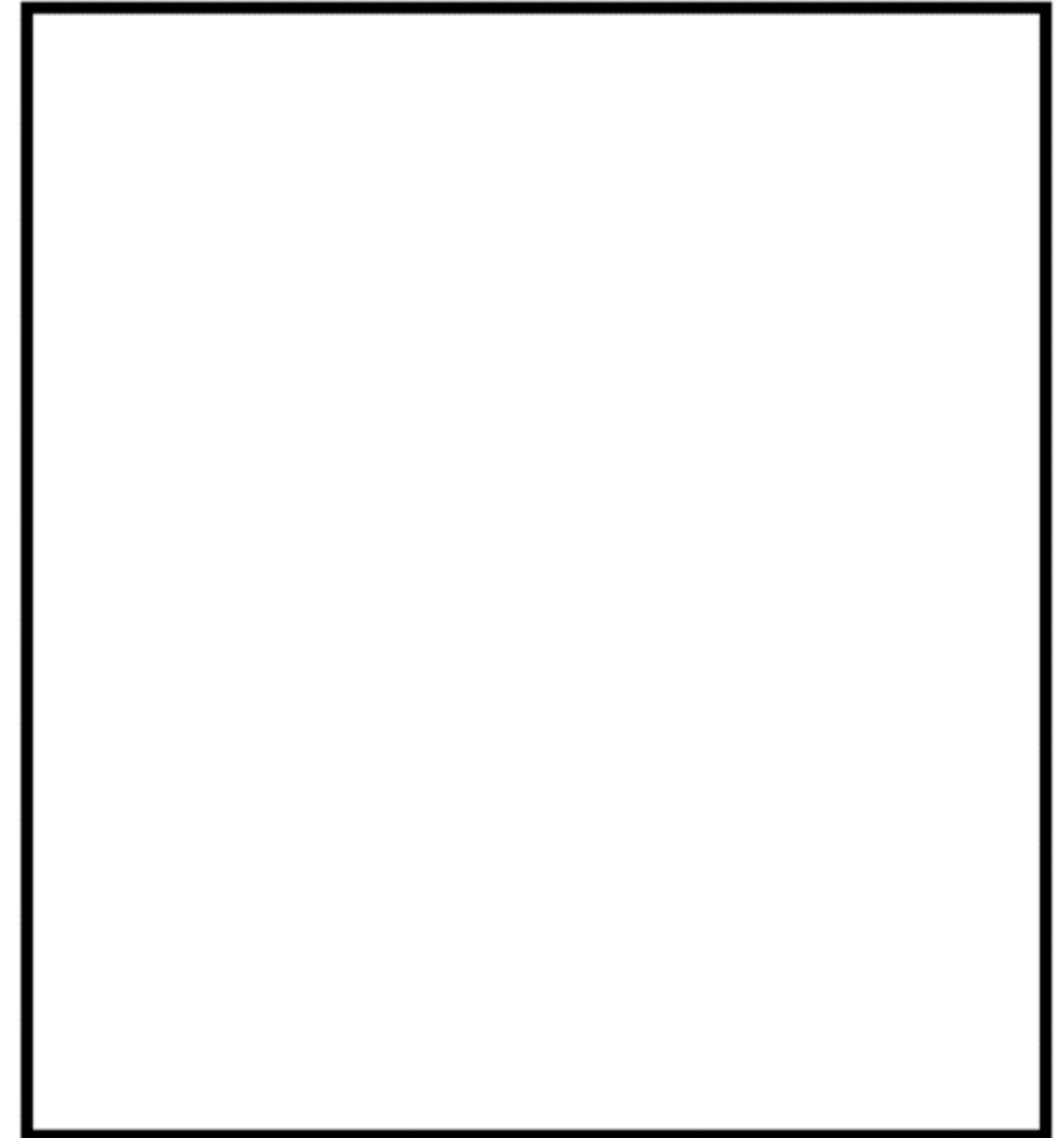
TOWER AREA



## INSTRUCTIONS:

Roll the dice. Build a tower with that many cubes. Your opponent will do the same. Then have a face off! Who has more? How many more? Write a subtraction sentence in the recording area to show what happened.

## FIND THE DIFFERENCE FACE OFF!





# ACTIVITY-1

Recording  
sheet for girls



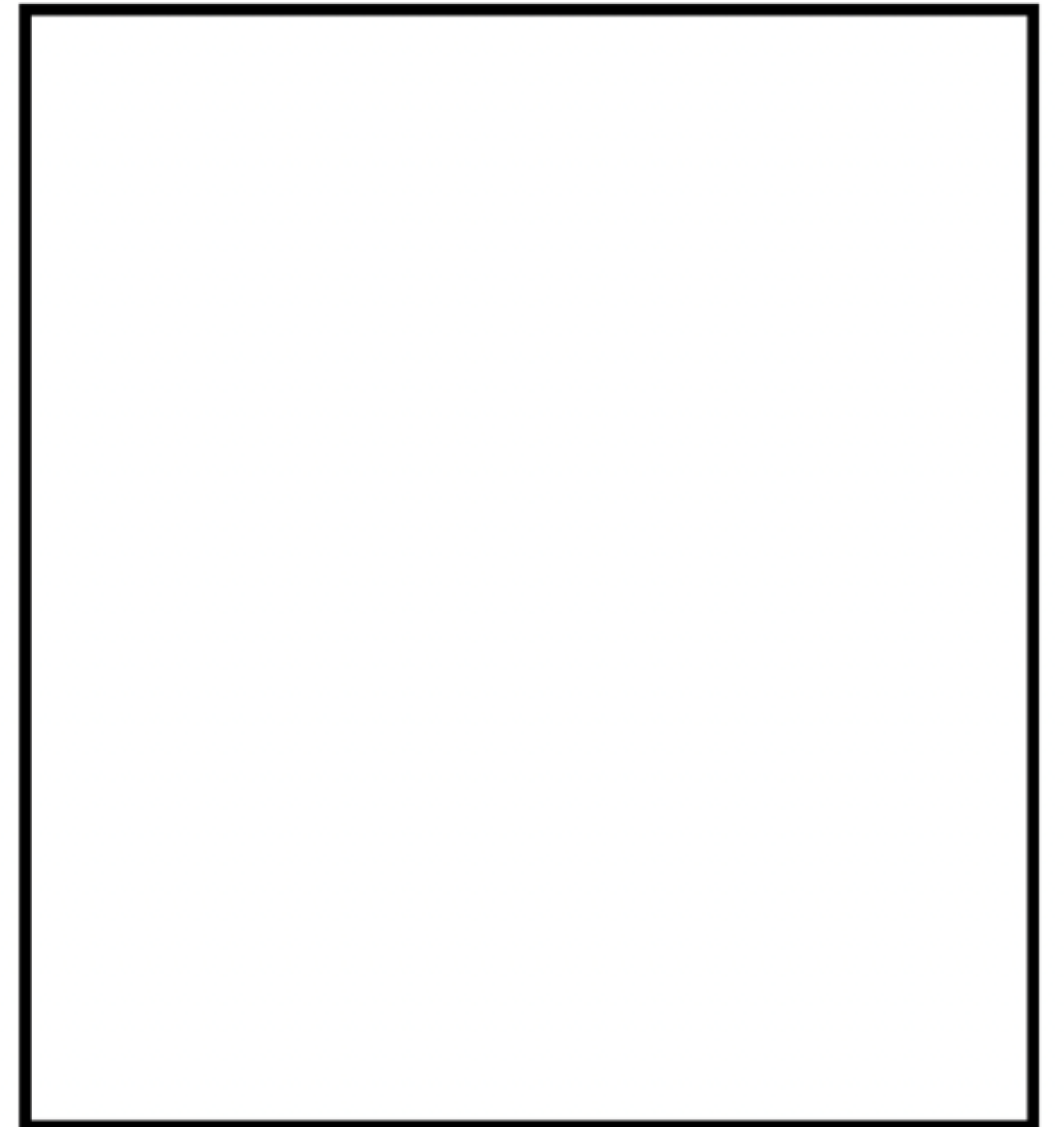
TOWER AREA



**INSTRUCTIONS:**

Roll the dice. Build a tower with that many cubes. Your opponent will do the same. Then have a face off! Who has more? How many more? Write a subtraction sentence in the recording area to show what happened.

**FIND THE DIFFERENCE FACE OFF!**



# ACTIVITY-1

## Subtraction Match:













- Give each student a "Subtraction Match" worksheet and a set of manipulatives
- Instruct the students to choose a subtraction problem from the left column of the worksheet, and then use the manipulatives to model the problem (e.g.  $5 - 2$  can be modeled with 5 blocks and remove 2 blocks)
- Once they have modeled the problem, they should write the answer in the space next to the problem
- Students should repeat this process for each problem on the worksheet
- After completing questions, students should look at the center of the worksheet, which contains only the answers to the problems



# ACTIVITY-1

- Students to match all the problems with their answers

Directions: Match the weather pictures to the correct star.

	$5 - 2 =$		$13 - 2 =$	
	$7 - 2 =$		$8 - 2 =$	
	$10 - 2 =$		$6 - 2 =$	
	$12 - 2 =$		$9 - 2 =$	

Write your own subtract 2 number sentences.

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_



# POST-ASSESSMENT

$10 - 4 = \underline{\quad}$



$8 - 3 = \underline{\quad}$



$6 - 5 = \underline{\quad}$



$10 - 8 = \underline{\quad}$



$7 - 4 = \underline{\quad}$



$9 - 6 = \underline{\quad}$



$3 - 2 = \underline{\quad}$



$5 - 1 = \underline{\quad}$



$5 - 4 = \underline{\quad}$



$4 - 2 = \underline{\quad}$



$3 - 1 = \underline{\quad}$



$2 - 1 = \underline{\quad}$



$5 - 2 = \underline{\quad}$



$4 - 3 = \underline{\quad}$



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