

Count It Out!

Objectives:

Students will practice counting objects to match a number rolled on a die.



Materials:

- One die (standard 6-sided)
- Small manipulatives (counters, blocks, buttons, etc.)
- Small containers or trays

Transparent
Counters



Two-Color
Counters



Directions:

1. Have each student roll a die.
2. Ask them to count out and place that many objects into a tray or small container.
3. Have students count as they place each item and state the number aloud to reinforce one-to-one correspondence.
4. Repeat several times with new rolls.

Support Suggestions:

- Count aloud together with the student as they place each item.
- Provide a number path to assist with organization and number recognition.

Extension Ideas:

- Use two or more dice to count out more than 6 items.
- Have students record their number sets on a simple chart or in a math journal.



Roll and Compare

Objectives:

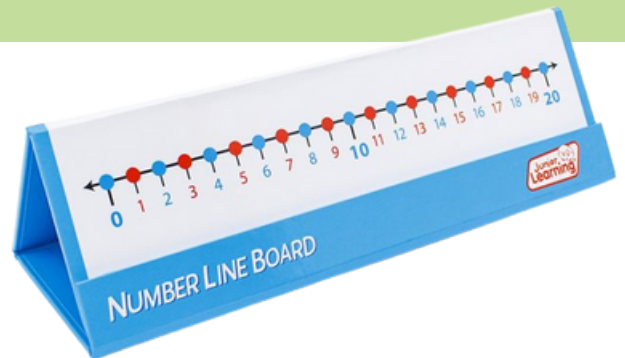
Students will compare and order numbers rolled on dice.

Materials:

- Two or more Dot or Number Dice per student or pair

Directions:

1. Students roll two dice.
2. Compare which number is greater (or less than).
-OR-
3. Roll 3 or more dice and place them in order (least to greatest).



Helpful Addition!
Number Line Board

Support Suggestions:

- Use number paths to compare numbers.
- Let students build cube towers with cubes.

Extension Ideas:

- Roll more than three dice and sequence the numbers.
- Provide “greater than/less than” symbol dice, spinner, or cards to create number sentences.

Roll 4 Sums!

Objectives:

Practice adding numbers rolled on dice.



Materials:

- Two Dot or Number Dice
- Recording sheet or whiteboard materials

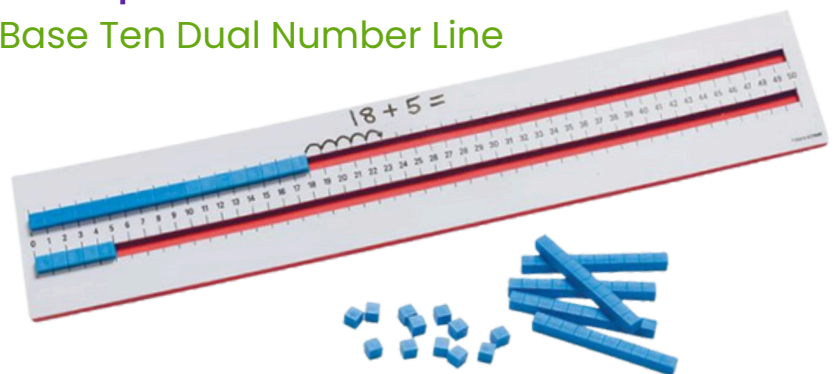


Directions:

1. Roll two dice.
2. Find the total.
3. Record the equation.
4. Optional: Turn it into a game – the partner with the highest sum in each roll gets a point.

Helpful Addition!

Base Ten Dual Number Line



Support Suggestions:

- Use dice with dots instead of numbers.
- Provide ten frames and counters to find the total.

Extension Ideas:

- Use 10-sided dice.
- Roll three or more dice and find the sum.

Dice Differences

Objectives:

Practice subtracting numbers using dice rolls.

Materials:

- Two Dot or Number Dice
- Recording sheet



Directions:

1. Roll two dice.
2. Subtract the smaller number from the larger.
3. Record the equation.
4. Optional: Turn it into a game – the partner with highest (or lowest) difference in each roll gets a point.

Helpful Addition!

Polyhedra Dice - 10 Sided



Support Suggestions:

- Use visual aids like number paths or counters.
- Provide subtraction sentence frames:

___ - ___ = ___

Extension Ideas:

- Use 10-sided (or more) dice.
- Roll three dice: add the two largest numbers and then subtract the smallest number from that total.
- Have students tell story problems to contextualize the subtraction equation.

Bust 20!

Objectives:

Practice adding numbers using dice rolls.

Materials:

- Two Dot or Number Dice
- Recording sheet

Directions:

1. Roll a die. Record your score.
2. Roll again, adding each roll to the current total.
3. Stop when you get close to 20.
4. Players total up their scores
 - 1 point for 14 or higher.
 - 2 points for exactly 20.
 - 0 points for over 20.
5. Player closest to 20 wins.



Helpful Addition!

Hands-On Number Path



20

Support Suggestions:

- Use ten-frames, number paths, or counters.

Extension Ideas:

- Roll to a larger number and use 10-sided dice.



Recording Sheet

Name: _____

Name: _____

Roll	Equation	Total		
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

