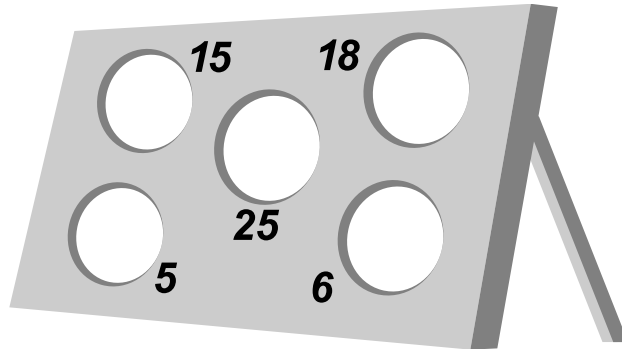


# Pitch It In!

Name \_\_\_\_\_

Find the total score if three balls are tossed into the given scores.



1.   

2.   

What must the score of the third ball be in order to get the given total score?

3.   

4.   

5.   

6.   

## Thinking Cap

How many ways can you score 36 if you have 3 balls to toss?

## TEACHER NOTES: *Pitch It In!*

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**Objective:** To use the calculator to solve problems involving the meaning of addition and subtraction.

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**Grade Level:** 1-3

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**Topic:** *Problem Solving/Whole Number Operations*

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### **Using the Activity:**

This activity uses the calculator as a tool to solve problems involving the concept of addition and subtraction. In the first two problems, students are expected to find the total score that results from pitching 3 balls into the target. The object here is not to see if the children can add three whole numbers, but rather to see if they can reason that the situation requires addition to solve the problem. Once the students decide on the operation the focus shifts to determining if the student can correctly key the operation into the calculator.

In problems 3-6, the total score and two of the three ball scores are provided. Students must determine the third score. This requires students to recognize the use of subtraction to solve the problem. Students who do not understand this relationship, may select the guess and check strategy, randomly trying numbers from the target until they find the one that works. In discussing the activity, highlight the inverse relationship between addition and subtraction and how it applies to the given situation.

*Answers:*      **1. 27**      **2. 58**      **3. 15**      **4. 6**      **5. 18**      **6. 18**

### **Thinking Cap**

In this section, students are challenged to find combinations from the target board that total 36. The calculator is an effective problem-solving tool in this situation, allowing students to easily test combinations. The problem states that the child has 3 balls to throw. It doesn't preclude the possibility that one or more balls misses the target. The solutions are: 15, 15, 6; 25, 5, 6; 18, 18, miss