

## Problem Solving Activity - Series 1 - Problem 2

Name: \_\_\_\_\_

Carefully read through the problem, **highlighting** the key words or phrases ↓

Divide the face of the clock into three parts with two lines so that the sum of the numbers in the three parts is equal.

Do your working out or drawing here ↓

Attempt 1

Attempt 2

Attempt 3

Attempt 4

How well did you go on this activity? Color your response

Tick the strategy(s) used to solve this problem:

Find a Pattern	<input type="checkbox"/>
Make a Table	<input type="checkbox"/>
Work Backwards	<input type="checkbox"/>
Guess and Check	<input type="checkbox"/>
Draw a Picture	<input type="checkbox"/>
Make a List	<input type="checkbox"/>
Write a Number Sentence	<input type="checkbox"/>
Use Logical Reasoning	<input type="checkbox"/>

**Answer:**

**Hint:**

Divide the clock into three parts with two lines. Add up the numbers in each section. Are they equal? If not try again.

## TEACHER ANSWER SHEET - Series 1 - Problem 2

Name: \_\_\_\_\_

Carefully read through the problem, **highlighting** the key words or phrases ↓

Divide the face of the clock into three parts with two lines so that the sum of the numbers in the three parts is equal.

Do your working out or drawing here ↓

Suggested key words and phrases underlined

$$11 + 12 + 1 + 2 = 26 \text{ (11:00, 12:00, 1:00, 2:00)}$$

$$3 + 4 + 9 + 10 = 26$$

$$5 + 6 + 7 + 8 = 26$$

This is a suggested list only...

Tick the strategy(s) used to solve this problem:

Find a Pattern	<input type="checkbox"/>
Make a Table	<input type="checkbox"/>
Work Backwards	<input type="checkbox"/>
Guess and Check	<input checked="" type="checkbox"/>
Draw a Picture	<input checked="" type="checkbox"/>
Make a List	<input type="checkbox"/>
Write a Number Sentence	<input checked="" type="checkbox"/>
Use Logical Reasoning	<input type="checkbox"/>

**Answer:**

26

**Please Note:**

There may be more than one way to solve each problem. We offer one solution. Students may use different strategies to solve problems than those suggested here.