



# Mental Math Within 100

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

Date: \_\_\_\_\_

Grade: Grade 2

## Part A: Multiple Choice

Circle the best answer for each question.

1. What is the best mental step for  $52 - 28$ ?

- A)  $52 - 30 + 2$
- B)  $52 - 30 - 2$
- C)  $52 + 30 - 2$
- D)  $52 - 20 - 8$  by ones

2. To solve  $63 - 27$  by counting up, what is the first friendly jump?

- A) From 27 to 30
- B) From 27 to 50
- C) From 27 to 27
- D) From 27 to 63

3. Which strategy works best for  $81 - 49$ ?

- A)  $81 - 50 + 1$
- B)  $81 - 50 - 1$
- C)  $81 + 50 - 1$
- D)  $81 - 40 - 9$  by ones

4. Which is the best break-apart for  $74 - 36$ ?

- A)  $74 - 30 - 6$
- B)  $74 - 6 - 30$
- C)  $74 + 30 - 6$
- D)  $74 - 36$  on fingers

## Part B: Fill in the Blank

Write the correct answer on each line.

1. A box has 52 crayons. 28 are used. Remaining crayons:  $52 - 30 + 2 =$  \_\_\_\_\_ .

2. A bag has 63 beads and 27 fall out. Count up 3 to 30, then 30 to 60, then 3 to 63. Beads lost: \_\_\_\_\_ .

3. There are 81 chairs and 49 are in use. Empty chairs:  $81 - 50 + 1 =$  \_\_\_\_\_ .

4. A shelf has 74 books. 36 are loaned out. Remaining:  $74 - 30 - 6 =$  \_\_\_\_\_ .

5. A pond had 90 frogs and 47 hopped away. Remaining:  $90 - 50 + 3 =$  \_\_\_\_\_ .

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- B) From 27 to 50
- C) From 27 to 27
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4. Which is the best break-apart for  $74 - 36$ ?

- A)  $74 - 30 - 6$
- B)  $74 - 6 - 30$
- C)  $74 + 30 - 6$
- D)  $74 - 36$  on fingers

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. A box has 52 crayons. 28 are used. Remaining crayons:  $52 - 30 + 2 = \underline{24}$  .
2. A bag has 63 beads and 27 fall out. Count up 3 to 30, then 30 to 60, then 3 to 63. Beads lost: 36 .
3. There are 81 chairs and 49 are in use. Empty chairs:  $81 - 50 + 1 = \underline{32}$  .
4. A shelf has 74 books. 36 are loaned out. Remaining:  $74 - 30 - 6 = \underline{38}$  .
5. A pond had 90 frogs and 47 hopped away. Remaining:  $90 - 50 + 3 = \underline{43}$  .