



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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- 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) $81 - 50 + 1$
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- 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: $52 - 30 + 2 = \underline{24}$.
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: $90 - 50 + 3 = \underline{43}$.