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Grade 3

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by

Lori Mammen



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Using Addition to Solve Problems

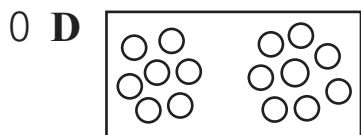
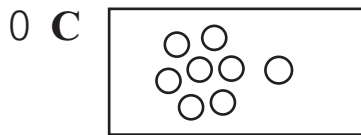
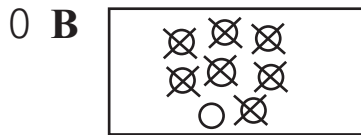
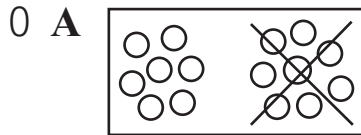
I. Use the operation of addition to solve problems

- A. Add or model addition using pictures, words, and numbers
- B. Identify the number sentence that shows the commutative property of addition
- C. Add simple fractions
- D. Add money with and without models

Objective 1: Pretest

I.A Add or model addition using pictures, words, and numbers (1-5)

1. Darla had 7 marbles. She won 8 more during a game with her friends. Which one shows how many marbles Darla had in all?



2.
$$\begin{array}{r} 456 \\ + 29 \\ \hline \end{array}$$

- 0 **A** 575
- 0 **B** 495
- 0 **C** 485
- 0 **D** 433

3.
$$\begin{array}{r} 627 \\ + 142 \\ \hline \end{array}$$

- 0 **A** 979
- 0 **B** 879
- 0 **C** 869
- 0 **D** 769

4. Beth has 27 seashells from the beach. Her sister has 18 seashells. How many seashells do they have in all?

- 0 **A** 55
- 0 **B** 45
- 0 **C** 35
- 0 **D** 31

5. Nancy and her mother made 12 cupcakes, 24 cookies, and 7 pies for a school fair. How many pies and cupcakes did they make?

- 0 **A** 19
- 0 **B** 31
- 0 **C** 36
- 0 **D** 43

I.B Identify the number sentence that shows the commutative property of addition (6-9)

6. Which names the same number as $4 + 8 + 3$?

- A** $4 \times 8 + 3$
- B** $4 + 8 - 3$
- C** $3 + 4 + 8$
- D** $8 + 3 - 4$

7. Which number would make this number sentence correct?

$$16 + 7 + \square = 7 + 8 + 16$$

- A** 31
- B** 16
- C** 15
- D** 8

8. Darren has 12 books in box one, 15 books in box two, and 31 books in box three. Which shows how many books Darren has?

12

One

15

Two

31

Three

- A** $31 - 15 + 12$
- B** $31 + 15 - 12$
- C** $31 + 15 + 12$
- D** $12 \times 15 + 31$

9. Which number would make this number sentence correct?

$$17 + \square + 19 = 19 + 17 + 5$$

- A** 2
- B** 5
- C** 22
- D** 24

I.C Add simple fractions (10-14)

10. Damon and Mike shared a candy bar. Each boy ate $\frac{1}{3}$ of the candy bar. How much did they eat in all?

- A** $\frac{1}{6}$
- B** $\frac{2}{4}$
- C** $\frac{2}{3}$
- D** $\frac{3}{4}$