

# Mental Cart Totals

GRADE 4

MATHEMATICS

F1.2

B2.4

Estimate first like a smart shopper, then check with exact math. All prices are whole dollars.

## PART A: MENTAL CART TOTALS

1. A folder is \$6, markers are \$4, and a notebook is \$8. The total is \$\_\_\_\_\_.
2. A game pass is \$12 and two snack vouchers are \$5 each. The total is \$\_\_\_\_\_.
3. A desk kit costs \$9, tape costs \$3, and a ruler costs \$2. The total is \$\_\_\_\_\_.
4. Three reward tickets cost \$7 each. The total is \$\_\_\_\_\_.

## PART B: ESTIMATE THE CHANGE

5. Leo buys items totaling \$23 and pays with \$30. About how much change should he expect before exact math?  
☐ (A) About \$5    ☐ (B) About \$10    ☐ (C) About \$20
6. Ava has \$50. Her cart is  $\$18 + \$17 + \$6$ . Using rounding, can she afford it?  
☐ (A) Yes, because about \$40 is less than \$50    ☐ (B) No, because about \$40 is more than \$50  
☐ (C) Cannot tell
7. A class store order is \$29. You pay with \$40. Which exact change is correct?  
☐ (A) \$9    ☐ (B) \$10    ☐ (C) \$11

## PART C: CASHIER CHALLENGES

8. Maya buys a pencil set for \$14 and an art pass for \$9. She pays with \$40. How much change does she get?

SHOW YOUR WORK

Answer: \_\_\_\_\_

9. Sam buys 2 bookmarks at \$6 each and 1 sticker sheet for \$5. He pays with \$25. What is his change?

SHOW YOUR WORK

Answer: \_\_\_\_\_

10. Priya has \$35. She wants a math game for \$19 and a reading card for \$13. Can she buy both, and how much money will she have left?

SHOW YOUR WORK

Answer: \_\_\_\_\_

## PART D: BUILD A CART

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11. Create a 3-item class store cart with whole-dollar prices that totals between \$30 and \$40. Then show the change from a \$50 bill.

SHOW YOUR WORK

## Mental Cart Totals

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ANSWER KEY

1. 18
2. 22
3. 14
4. 21
5. A — About \$5
6. A — Yes, because about \$40 is less than \$50
7. C — \$11
8. \$17 change ( $14 + 9 = 23$ , and  $40 - 23 = 17$ )
9. \$8 change ( $6 + 6 + 5 = 17$ , and  $25 - 17 = 8$ )
10. Yes. Total is \$32 ( $19 + 13$ ). She has \$3 left ( $35 - 32 = 3$ ).
11. Example:  $\$12 + \$9 + \$14 = \$35$ , so change from \$50 is \$15.

### TEACHER NOTES

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Use real or mock ClassCents store prices in whole dollars. Have students say their estimate out loud before finding the exact total and change to reinforce Ontario F1.2 and B2.4.