Alavi Math Challenge

Read • Solve • Show Your Work!

1 Shopping Time!

Sara buys a backpack for $47.85 and a notebock for $12.40. She pays with a $70 bill.

a) How much change does she get? ☐

b) Round the total cost to the nearest dollar. ☐

c) What is the highest dollar amount less than or equal to the total cost? ☐



2 The Store Receipt



A store receipt shows:

Total: $83.46

Cash: $100.00

Change Due: ?

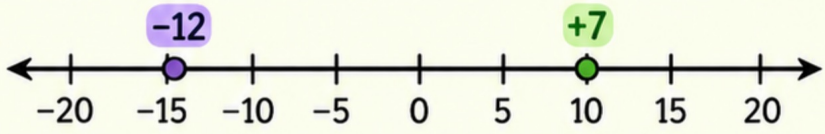
a) How much change is due? ☐

b) Round the total amount to the nearest ten. ☐

c) If Sara had $50 instead of $100, would she have enough money? (Yes or No) _____

3 Integer Adventure

The game board shows the scores of a team in a game.



a) What is the opposite of −12? ☐

b) Find the sum: −12 + 7 = ☐

c) If the team moves 9 points backward from +7, what is their new score? ☐

