Two-Step Equations - MCQ

Sheet :

Read and interpret each word problem and choose the two-step equation that best represents the situation.

1) Daniel and John ordered a New York-style pizza which has 8 slices in total. Daniel ate x slices of pizza while John consumed one third of what Daniel had.

a)
$$x - 3x = 8$$

b)
$$x + \frac{x}{3} = 8$$

c)
$$3x - x = 8$$

d)
$$x - \frac{x}{3} = 8$$

2) The parking lot at C by the employees rely for the customers.

a) 54 - x = 36

x = 36 PREVIEW

c) 36x - 18 = 5

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ion by school buses of 294 Dominicans visited

3) 8 groups of studen accompanied by 6 the exhibition.

a) 8x + 6 = 294

c) 8x + 294 = 6

4) Sam decides to rur video game that is \$10 per hour. He al

a)

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ave up money to buy a chours for which he earns le job done.

c) 25.56 + 10x = 59.88

25.56x - 10 :

d) 59.88 + 10x = 25.56

5) The balance in Jamie's checking account in the month of June was thrice the amount of what it was in the month of May. He swiped his card for \$69 in the restaurant which caused his account to be overdrawn by \$9.

a) 3x + 69 = 9

b) 3x + 69 = -9

c) 3x - 69 = 9

d) 3x - 69 = -9