DO NOW
Is (-3, 4) a solution to the system?

$3y - 2x = 18$
$5y + 3x = 11$

$3(4) - 2(-3) = 18$
$12 + 6 = 18$
$18 = 18$ ✓

$5(4) + 3(-3) = 11$
$20 - 9 = 11$
$11 = 11$

Yes

Mar 11-7:01 AM

Homework Answers

3. Let x = cost of a bat
   y = cost of a baseball
   $4x + 9y = 76.50$
   $3x + 12y = 81$
   Bats $9   Baseballs $4

4. Let x = pizza
   y = sandwiches
   $3x + 4y = 68$
   $3x + 7y = 92$
Pizza $12   Sandwich $8

5. Let x = students tickets
   y = adult tickets
   $x + y = 530$
   $3x + 4y = 1740$
   380 student 150 adult

6. Let x = cost of a muffin
   y = cost of a coffee
   $2x + y = 3.30$
   $3x + 2y = 5.35$
   Muffins $1.25 Coffee $0.80

7. Let x = cost of a taco   y = cost of a juice
   $3x + y = 7$
   $4x + 2y = 10$ Taco $2 Juice $1

Jan 26-6:53 AM

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