

Name _____
Alg1

March 15, 2019
Systems/Single Variable

1) At a movie theater adult tickets cost \$15.75 and child tickets cost \$8.00. There were 11 more adults than quadruple the children at the last showing of Captain Marvel and \$1,735.25 was collected at the ticket booth. How many of each ticket was sold?

2) At a movie theater adult tickets cost \$15.75 and child tickets cost \$8.00. 115 people were at the last showing of Captain Marvel and \$1,493.50 was collected at the ticket booth. How many of each ticket was sold?

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3) At VIPizza, Bob bought 3 slices of Sicilian and 1 regular slice and paid \$12.75. Timmy bought 2 of each and paid \$12.50. If Laney went in and bought 4 slices of Sicilian and 3 regular slices, how much money would she have to pay?

4) At VIPizza, Sicilian slices cost \$3.50 and regular slices cost \$3.20. Sal bought 3 less regular slices than triple the amount of Sicilian slices and paid \$30.60. How many of each slice did he buy?