

Solving Multistep Multiplication Number Stories

Lesson 4-12

DATE

TIME



Write estimates and number models for each problem. Then solve.

- 1 Danielle and Hector are selling raffle tickets to raise money for the school band. Danielle sells 5 tickets per day for 4 weeks straight. She then sells 4 tickets per day for 1 week. How many tickets does Hector need to sell if he wants to sell more tickets than Danielle?

Estimate:

Number models with unknowns:

Answer: More than _____ tickets

Does your answer make sense? Explain.

- 2 Aliya buys 4 cartons of eggs each month. Each carton contains one dozen eggs. How many eggs does Aliya buy in two years?

Estimate:

Number models with unknowns:

Answer: _____ eggs

Does your answer make sense? Explain.

Solving Multistep Multiplication Number Stories (continued)

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- 3 Antwan played goalie on both the soccer and hockey teams at school. When he played soccer, he saved 3 goals per day for 6 weeks. When he played hockey, he saved 2 goals per day for 3 weeks. How many goals did he save in all?

Estimate:

Number models with unknowns:

Answer: _____ goals

Does your answer make sense? Explain.

- 4 Pablo buys 18 new songs each month. Each song costs \$2. How much money does Pablo spend on songs in 3 years?

Estimate:

Number models with unknowns:

Answer: \$_____

Does your answer make sense? Explain.
