

Name: Class:

Multiplying Three Or More Numbers Word Problems

a.

A small football stadium charges \$8 per ticket. They have 8 rows of seats and 6 seats in each row.

If there are 5 football matches every day, how much money can the stadium earn in ticket sales over the course of a day if all the seats in the stadium are always occupied?

b.

For his daughter's birthday, Mr James ordered 7 boxes of cupcakes. Each box contains 6 mini boxes and there are 6 cupcakes in each mini box.

How many cupcakes did Mr James ordered?

c.

A greedy mouse invaded our home and ate 7 grams of cheese on Monday, ate three times the amount on Tuesday as on Monday. On Wednesday, he ate twice the amount as on Tuesday. Then, On Thursday, he ate 4 times the amount he ate on Wednesday.

How many grams of cheese did he eat on Thursday?

d.

Felix has 7 stickers. His sister Hailey has twice what he has but their friend, Tanner has 3 times what Hailey has.

How many stickers does Tanner have?

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- a. Cost of one ticket = \$8.
Number of rows of seats = 8.
Number of seats in each row = 6.
Number of matches per day = 5.
Therefore, amount of money earn in ticket sales over the course of 8 days
= Cost of one ticket × Number of rows of seats
× Number of seats in each row × number of matches per day.

$$8 \times 8 \times 6 \times 5 = ?$$

$$8 \times 8 \times 6 \times 5 = 1,920$$

So, the stadium can earn \$1,920 in ticket sales over the course of a days.

- b. Mr James ordered 252 cupcakes.

- c. The mouse ate 168 grams of cheese on Thursday.

- d. Tanner has 42 stickers.