

# Wordy Solutions – Multiplication

## Word Problems with Multiplication

### Instructions:

Solve each word problem.



### Helpful Hint:

**Example:** Movie tickets cost \$12. 18 people bought tickets.  
How much money did they spend altogether?

#### STEP 1

Write an equation to show the problem:

$$\frac{\$12}{\text{cost per ticket}} \times \frac{18 \text{ people}}{\text{buying tickets}} = \text{Money spent altogether}$$

#### STEP 2

Solve the equation:

$$\underline{\$12} \times \underline{18} = \underline{\$216}$$

Answer: Altogether, they spent \$216.

**Wordy Solutions – Multiplication**

- 23 movie attendees purchased Savings Snack Pads. How much money did they spend altogether?
- Movie tickets before 6 p.m. cost \$12. After 6 p.m., they cost \$10. How much did 18 people spend if they bought tickets before 6 p.m. and after 6 p.m.?
- Tickets are sold out for a movie being shown in 3 separate theaters. If 245 people bought tickets, how many tickets were sold altogether?
- Movie theater employees work 10 hours each. If there are 15 employees, how many hours do they work altogether?
- The coming attractions last 15 minutes. The movie itself is 7 times longer. How long is the movie?
- Drinks at the snack bar cost \$3. If 19 people buy 1 drink each, how much will they spend altogether?

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**1** The theater has 14 people in it. It can seat 7 times as many people. How many seats are there?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

**2** A bucket of popcorn costs \$6. If each person in a family of 5 bought popcorn, how much did they spend?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

**3** After 6 p.m., movie tickets cost \$11. If 9 friends buy tickets for a movie that starts at 7 p.m., how much will their tickets cost altogether?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

**4** The coming attractions last 15 minutes. The movie itself is 7 times longer. How long is the movie?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

**5** Drinks at the snack bar cost \$3. If 19 people buy 1 drink each, how much will they spend altogether?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

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23 movie attendees purchased the Savings Snack Pack for \$13. How much money did the snack bar make from the sale of Savings Snack Packs?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

7

Movie tickets before 6 p.m. cost \$7. If 8 people purchased tickets at 1 p.m., how much did their tickets cost altogether?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

8

Tickets are sold out for the newest blockbuster movie. The movie is being shown in 3 separate theaters, and each theater holds 245 people. How many people are seeing the movie?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

9

Movie theater employees earn \$11 an hour. If 25 employees work only 1 hour each, how much money will they make altogether?

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$