1.1

Whole Number Operations

Essential Question

How do you know which operation to choose when solving a real-life problem?

Do Now

Find the sum or product

1) $3+3+3$

2) $7+7+5$

3) $6+6+8$

4) $7 \bullet 10$

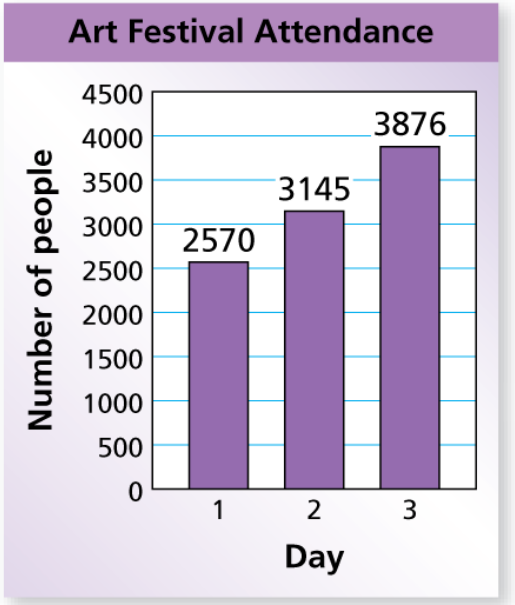
Do Now

Find the sum or product

5) 13×4

6) 17×12

Example 1



The bar graph shows the attendance at a three-day art festival.

a. What is the total attendance for the art festival?

b. What is the increase in attendance from Day 1 to Day 2?

Example 2

A school lunch contains 12 chicken nuggets. Ninety-five students buy the lunch. What is the total number of chicken nuggets served?

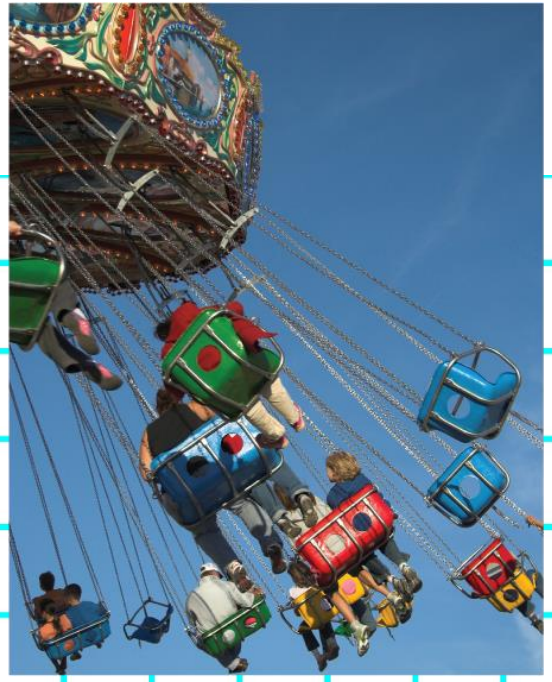
Example 3

You make 24 equal payments for a go-kart. You pay a total of $840. How much is each payment?

Example 4

You make 18 equal payments for a video game system with games. You pay a total of $468. How much is each payment?

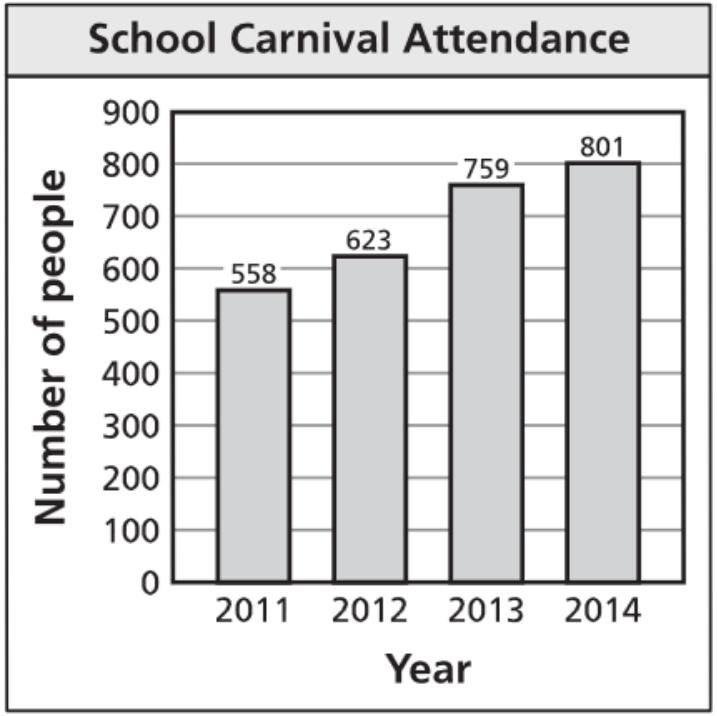
Example 5



A 301-foot-high swing at an amusement park can take 64 people on each ride. A total of 8983 people ride the swing today. All the rides are full except for the last ride. How many rides are given? How many people are on the last ride?

Working It Out!

The bar graph shows the attendance at a school's carnival. Write an expression you can use to answer the question. Then find the value of your work.



1) **What is the total attendance of the carnival**

2) **How many more people attended the carnival in 2014 than 2012?**

3) **The carnival projects that the total attendance for 2015 will be double the attendance in 2012. What is the projected attendance for 2015?**

How do you know?

a) How do you know when you are going to add?

b) How do you know when you are going to subtract?

How do you know?

a) How do you know when you are going to mutiply?

b) How do you know when you are going to divide?

Key Words

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