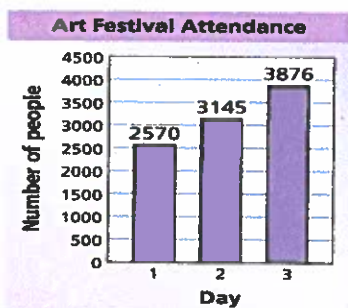


WHOLE NUMBER OPERATIONS 1.1

The bar graph shows the attendance at a 3-day art festival.



What is the total attendance for the art festival? 9591 people attended the art festival.

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

The increase in attendance from day 1 to day 2 is 575 people.

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

divisor → 24 ← quotient
dividend

$$\begin{array}{r} 35 \\ 24 \overline{) 840} \\ \underline{-72} \\ 120 \\ \underline{-120} \\ 0 \end{array}$$

Each payment is 35 dollars.



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

$$\begin{array}{r} 95 \\ \times 12 \\ \hline 190 \\ + 950 \\ \hline 1,140 \end{array}$$

There were 1,140 chicken nuggets served.

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?

140 R 23 ← # of people on last ride

$$\begin{array}{r} 140 \text{ R } 23 \\ 64 \overline{) 8983} \\ \underline{-64} \\ 258 \\ \underline{-256} \\ 23 \end{array}$$

141 rides are given.
23 people are on the last ride.

