Grade 3:

Some friends are having a picnic at a park.

They take 5 cars to the park.

There are 4 people in each car.

Each person will eat 2 sandwiches at the picnic.

How many sandwiches in total will the friends eat at the picnic?

A. 11

B. 20

C. 22

D. 40

Grade 4:

There are 49,528 people living in a city. What is the value of the 4 in the number of people living in the city?

A. two times the two in the tens place

B. twenty times the two in the tens place

C. two hundred times the two in the tens place

D. two thousand times the two in the tens place

Grade 5:

Jake measured the amount of salt in two liters of seawater. His results are listed below.

 first liter: 33.165 grams

second liter: 35.787 grams

He rounds both values to the nearest hundredth and adds them. What is the sum of the rounded amounts of salt Jake found in the seawater?

A. 68.95 grams

B. 68.952 grams

C. 68.957 grams

D. 68.96 grams

Grade 6:

Gary saves $2.50 each day. Which equation describes the relationship between the number of

days (d) Gary saves money and the total amount of money (m), in dollars, that he saves?

A. m = 2.50d

B. m = d – 2.50

C. d = 2.50m

D. d = 2.50/m

Grade 7:

Nadia is selling tickets for a school event. She has already sold 17 tickets. Her goal is to sell at

least 100 tickets. Each day she is able to sell up to 10 tickets. What is the minimum number of

days Nadia will need to sell tickets to reach her goal?

A. 5

B. 6

C. 8

D. 9

Grade 8:

Part of a sculpture is a stone sphere with a volume of 36π cubic feet. What is the radius, in

feet, of the stone sphere?

A. 3

B. 6

C. 9

D. 12