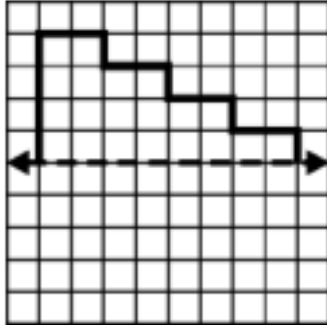


Round 1- Question 1

The dotted line is a line of symmetry. What is the perimeter of the completed figure if each side of the squares in the grid measure 3 cm?



School Code

Answer

Round 2 – Question 1

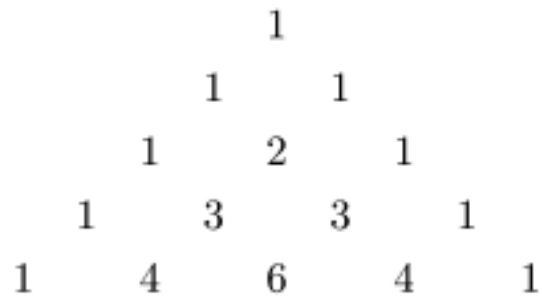
What is the product of the prime numbers between 0 and 12?

School Code

Answer

Round 1 – Question 2

If the pattern shown is continued what will be the sum of the numbers in the seventh row?



School Code

Answer

Round 2 – Question 2

The number 84 is special because its tens digit is divisible by its ones digit. How many whole numbers between 10 and 70 also have this property?

School Code

Answer

Round 1- Question 3

The side of a square is $\frac{5}{6}$ foot. What is the perimeter of the square in inches?

School Code

Answer

Round 2 – Question 3

What fraction of an hour elapses between 3:45 pm and 4:09 pm?

School Code

Answer

Round 1- Question 4

If Jack and Jill went up a hill with a bucket $\frac{5}{6}$ of the way full, but on the way down spilled $\frac{3}{4}$ of the water in the bucket, what fraction of the bucket has water remaining?

School Code

Answer

Round 2 – Question 4

At a school costume party, seven girls wore masks and nine boys did not. If there were 15 boys at the party and 20 students did not wear masks, what was the total number of students at the party?

School Code

Answer

Round 1- Question 5

Hal has a positive secret number. He performs a sequence of operations with his number. He doubles the number, subtracts 8, divides by 4, adds 2, and squares the result to get 25. What is Hal's secret number?

School Code

Answer

Round 2 – Question 5

If $a \text{ 😊 } b = b^a - a$, what is $(3 \text{ 😊 } 4)$?

School Code

Answer

Round 1- Question 6

Sally was born 2000 days ago. If today is Friday, what day of the week was Sally born?

School Code

Answer

Round 2 – Question 6

Joe has 7 baker's dozen cookies. Jill has 4 dozen cookies. One baker's dozen is 13 cookies. How many more cookies does Joe have than Jill?

School Code

Answer

Round 1- Question 7

How many seconds are in two days?

School Code

Answer

Round 2 – Question 7

A family left for a store at 9:00 am. They reached the store at 10:30 am on the same day. If they drove at a constant speed of 40 miles per hour, how many miles away was the store?

School Code

Answer

Round 1- Question 8

How many positive integers less than 100 have at least one five as a digit?

School Code

Answer

Round 2 – Question 8

A baseball and glove cost \$110 combined. If the glove costs \$100 more than the ball, how much does the glove cost?

School Code

Answer

Tie Breaker #1

Multiply 432.7 by 59.8

School Code

Answer

Tie Breaker #2

Multiply and write answer in lowest terms.

$$\frac{4}{11} \cdot \frac{22}{18} \cdot 5\frac{1}{2}$$

School Code

Answer

Practice Question

In which order should the operations $-$, \times , and \div be inserted into the blanks of $48 \underline{\quad} 2 \underline{\quad} 4 \underline{\quad} 11 = 13$ to make the statement true?

School Code

Answer

Answers

	Round1	Round2
1.	96	2310
2.	64	14
3.	40	2/5
4.	5/24	33
5.	10	61
6.	Sunday	43
7.	172,800	60
8.	19	105
TB1	25,875.46	
TB2	22/9	
Practice	X,÷,-	