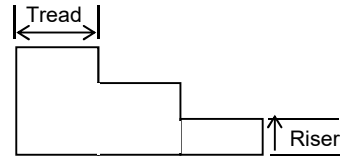


1. The top three steps of a stairway are shown. The stairway has 61 steps with 61 risers that are each 4 cm high. The 61 treads are each 10 cm wide. If all the stairs were shown in the figure, what would be the area of the figure?



2. The seats in a theater are set in 32 rows in such a way that each row after the first has 8 more seats than the previous row. If the first row has 25 seats, how many seats are in the theater?

3. What is the single discount that is equivalent to the two successive discounts of 29% off followed by 28% off the discounted price? Answer to the nearest hundredth of a percent.

4. The seats in a theater are set in 28 rows in such a way that each row after the first has 4 more seats than the previous row. If the first row has 28 seats, how many seats are in the 26th row?

