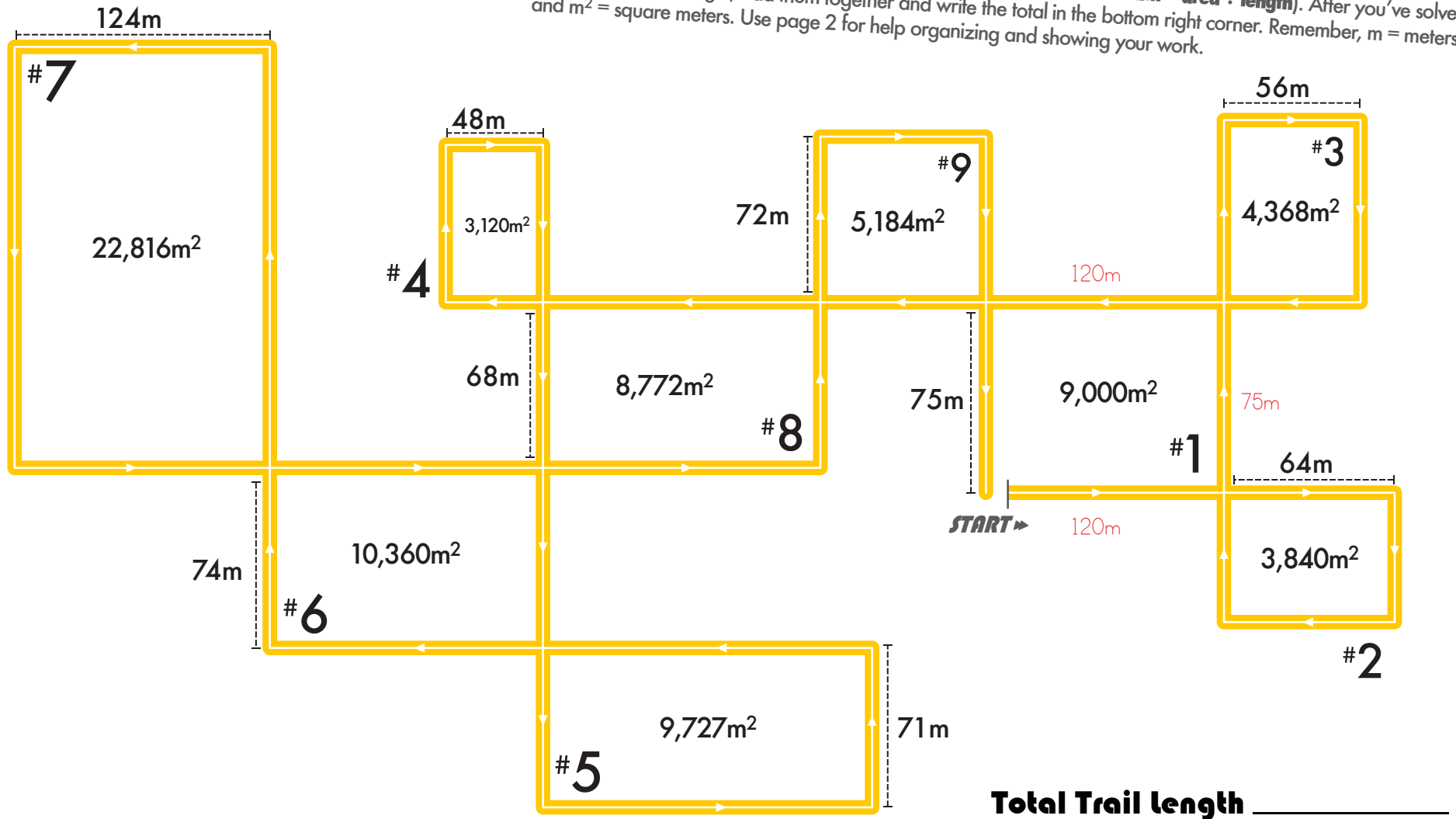


ski trail tracker #5

Find the total length of the cross-country ski trail below by finding the length of the individual segments. In each rectangular loop, the area and one side length are given. Use division to find the length of each unmarked segment (**rectangle area = length x width**, so **length = area ÷ width** or **width = area ÷ length**). After you've solved for each segment length, add them together and write the total in the bottom right corner. Remember, m = meters and m² = square meters. Use page 2 for help organizing and showing your work.



Ski Trail Tracker

show your work

Use this page to organize your work and find the lengths of the missing segments on page 1. Refer to page 1 for the corresponding rectangle number and solve for the missing length or width using division. To find the total length of the trail, you can add up the individual lengths one by one, or you can solve for the perimeter of each rectangle and find the sum the perimeters. Either way, you will get the same answer!

#1 Length = 75m
 Width = 120m
 Area = 9,000m²

$$\begin{array}{r} 120 \\ 75 \overline{)9000} \\ \underline{-75} \\ 150 \\ \underline{-150} \\ 0 \end{array}$$

Perimeter = 390 m
 $75+120+75+120 = 390$

#6 Length = 74m
 Width = _____
 Area = 10,360m²

Perimeter = _____

#2 Length = _____
 Width = 64m
 Area = 3,840m²

Perimeter = _____

#7 Length = _____
 Width = 124m
 Area = 22,816m²

Perimeter = _____

#3 Length = _____
 Width = 56m
 Area = 4,368m²

Perimeter = _____

#8 Length = 68m
 Width = _____
 Area = 8,772m²

Perimeter = _____

#4 Length = _____
 Width = 48m
 Area = 3,120m²

Perimeter = _____

#9 Length = 72m
 Width = _____
 Area = 5,184m²

Perimeter = _____

#5 Length = 71m
 Width = _____
 Area = 9,727m²

Perimeter = _____

Fill out the spaces with the perimeters of the 9 rectangular loops and add them together. ➡

390 m

_____ + _____

TOTAL ➡ _____