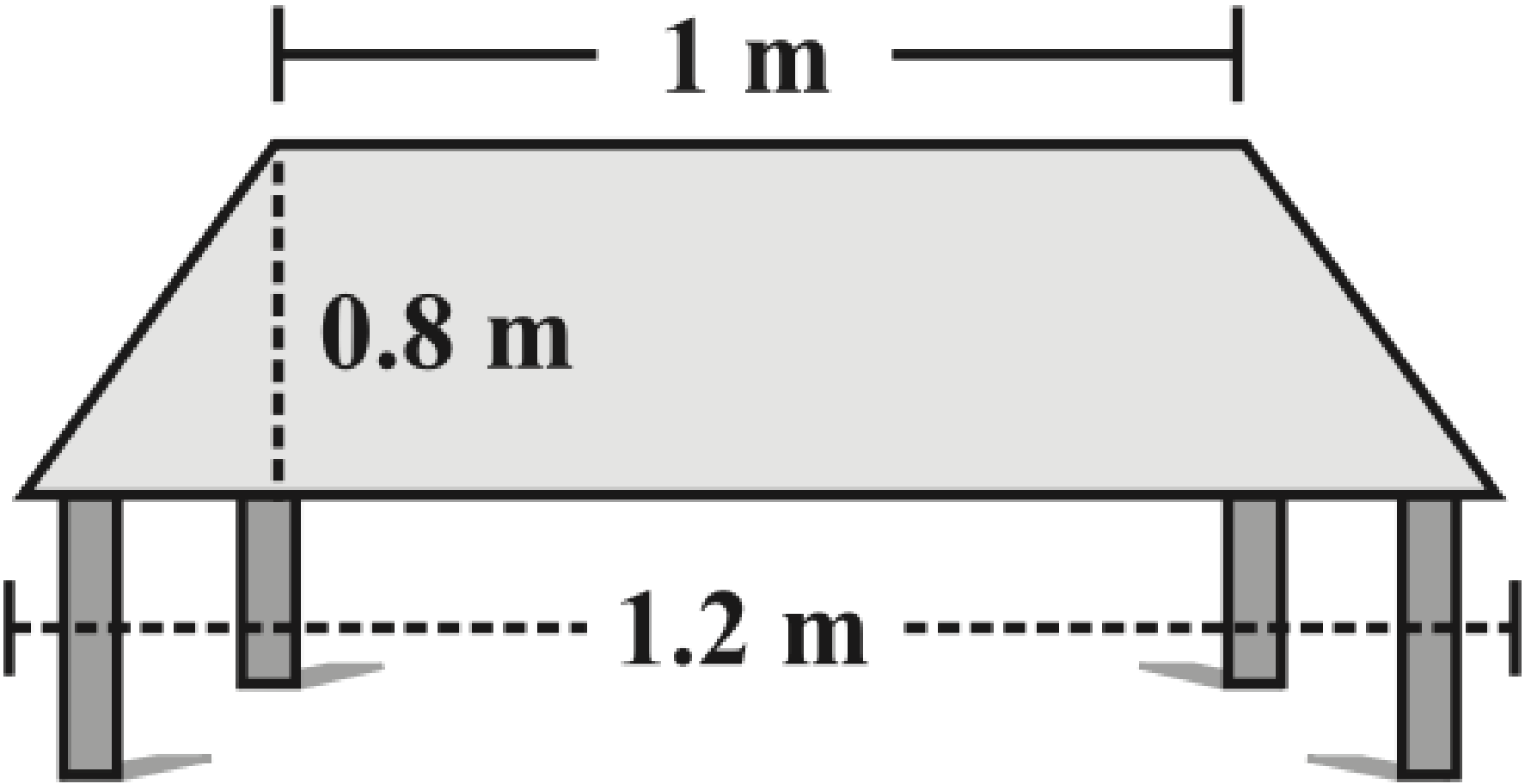
Example 1: The area of a trapezium shaped field is 480 m^2, the distance between two parallel sides is 15 m and one of the parallel side is 20 m. Find the other parallel side.

Example 2: The area of a rhombus is 240 cm^2 and one of the diagonals is 16 cm. Find the other diagonal.

1. The shape of the top surface of a table is a trapezium. Find its area if its parallel sides are 1 m and 1.2 m and perpendicular distance between them is 0.8 m.


1 m
0.8 m
1.2 m

the area of the field.

5. The diagonals of a rhombus are 7.5 cm and 12 cm. Find its area.

2. Write a Pythagorean triplet whose one member is.

(iv) 18

Find the cube root of 13824 by prime factorisation method.