

Answers

Step 1: Starting point

Tower = 89m = +/- 148 steps

Step 2: Dragon's kingdom

470m

Step 3: Finding shelter

60 cm x 100 cm x 3000 tiles =
1800m²

Step 4: Ring the bells!

1235 km/h = 1235000 km/3600 seconds
470 m / 1,37 seconds

Step 5: Historic square

Step 6: On the other side

Step 1: A+B = 1min20

Step 2: A = 1min (back with the torch)

Step 3: E+F = 3min30

Step 4: B = 1min20 (back with the torch)

Step 5: A+D = 2min

Step 6: A = 1min (back with the torch)

Step 7: A+C = 1min50

Step 8: A = 1min (back with the torch)

Step 9: A+B = 1min20

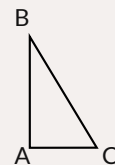
Steps 1+2+3+4+5+6+7+8+9 = 14min20

Step 7: Rescuers

7500 l x 7 = 52500 l = 52,5m³



Step 8: Safe and sound



$$BC^2 = AB^2 + AC^2$$

$$BC^2 = 5^2 + 3,5^2$$

$$BC^2 = 37,25$$

$$BC = 6,1 \text{ m}$$

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