



VISIT MATH



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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 5: Historic square

Step 4: Ring the bells!

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

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**



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Step 8: Safe and sound



$$\begin{aligned} BC^2 &= AB^2 + AC^2 \\ BC^2 &= 5^2 + 3,5^2 \\ BC^2 &= 37,25 \\ BC &= \mathbf{6,1 \text{ m}} \end{aligned}$$

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