



Warning: The interactivity in this PDF file is enabled by Javascript. For full functionality you have to use the Javascript capable PDF browser. Currently only Adobe Reader is available.

WHAT TYPE

TABLE-SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.



For each task, select the type of mean you would use to solve it.

Note: AP – arithmetic (resp. weighted arithmetic) mean, GP – geometric (resp. weighted geometric) mean, HP – harmonic (resp. weighted harmonic) mean.

		AP	GP	HP
1.	Find the length of a side of a cube whose volume is the same as that of a cuboid with sides of lengths equal to 16 cm, 12 cm and 9 cm. Result: 12 cm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	In a football team there are 11 players. Their average age is 27 years. During the match, one player was expelled, and the average age of the team was changed to 28 years. How old is the expelled player? Result: 17 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	One pump can fill a fish reservoir in 3 hours. Another pump can fill the same reservoir in 5 hours. How long will it take to fill the fish reservoir by the pump of the power corresponding to the average power of these two pumps? Result: 3 h 45 min	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	A bus driver was driving at a speed of 35 km/h through a 15 minutes lasting fog. Then the fog disappeared, and the driver was driving 15 more minutes, he drove 20 km and reached the station. What was the average speed of the bus? Result: 57.5 km/h	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

