

Arithmetic Mean – Mathematics





- Analyze the concept of arithmetic mean in terms of leveling, fair distribution, and equilibrium point.
- Predict the effects of one or more outliers on the mean.



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3. In both cases: How would you get the	water to the same level?
	Explain your answer
	Explain your answer
4 Draw on the image: What would be the le	vel of the arithmetic mean if the key connecting the two vessels was opened?
	Explain your answer
Socialize what you've learned: It's time to How would you explain the concept of arithm Justify your answer	to share ideas about the activities with your teammate, and then respond.
	End of activity

Arithmetic mean

Intentions of learning

Materials Needed

- Analyze the concept of arithmetic mean in terms of leveling, fair distribution, and equilibrium point.
- Predict the effects of one or more outliers on the mean.

- Electronic devices: laptop, smartphone, or tablet
 - PhET Simulation and the GeoGebra Tool
 - Mean: Share and Balance
 - Arithmetic mean













7. Find two different ways to maintain the same arithmetic mean in either tool

Procedure One		
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Procedure Two		
Stop for a moment Inform yo	our teacher about the completion of your activities, if you have time to spare, check y	our
answers and wait for the instru	<u>ictions</u>	
Reflect on what you've lea	rned:	٦
Discuss with your teammate the p reflections below	ossible use you would give to arithmetic averages in your daily life, write down these	-i
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Reflections:		
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Share your reflections with the rest	of the class and write down reflections from other groups that will help them better understand the	۵
topic.		-
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Relevant findings from other grout)S:	
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	End of acti	vity



What have I learned?



Activity time: 20 minutes

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Name and surname:

DNI/Identity Card/School ID/others:



- b) Containers A and B go up, C and D go down, and E doesn't change
 - c) All containers go down or up to one as the case may be
 - d) None of the above

