TEACHERS' VISION

WAY TO GOVERNMENT JOBS

RATIO AND PROPORTION

Container based mixture question

With video explanation

1. **Two equal containers have milk and water in the ratio 2 : 3 and 7 : 8 respectively. If both containers are emptied into another container, then find the ratio of milk to water in another container .**

https://youtu.be/O1Nx1ksLoNc

2. **Two identical containers have milk and water in the ratio 2 : 1 and 3 : 1, respectively. If both containers are emptied into another container, then find the ratio of milk to water in another container .**

https://youtu.be/O1Nx1ksLoNc

3. **Three equal containers contains alcohol and water in the ratio 2 : 3 and 3 : 7 and 8:7 respectively. If all containers are emptied into tank to get new mixture , then find the ratio of alcohol to water in tank**

https://youtu.be/O1Nx1ksLoNc

4. **Three equal containers contains alcohol and water in the ratio 1 : 3 and 3 : 1 and 5: 3 respectively. If all containers are emptied into tank to get new mixture , then find the ratio of alcohol to water in tank.**

https://youtu.be/O1Nx1ksLoNc

5. **Two containers are in ratio 4 : 3 have milk and water in the ratio 2 : 3 and 7 : 8 respectively. If both containers are emptied into another container, then find the ratio of milk to water in another container**

https://youtu.be/O1Nx1ksLoNc

6. **Two containers are in ratio 4 : 5 have milk and water in the ratio 1 : 2 and 8 : 7 respectively. If both containers are emptied into another container, then find the ratio of milk to water in another container .**

https://youtu.be/O1Nx1ksLoNc

7. **Three containers A, B and C are having mixtures of milk and water in the ratio 1 : 5, 3 : 5 and 5 : 7 respectively If the capacities of the containers are in the ratio 5 : 4 : 5 then find the ratio of the milk to the water if the mixtures of all the three containers are mixed together**

https://youtu.be/O1Nx1ksLoNc

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8. Three containers A, B and C are are in ratio 3 : 2 : 4 contains milk and water in the ratio 2 : 1, 5:1 and 2 : 1 respectively If the capacities of the containers are in the ratio 5 : 4 : 5 then find the ratio of the milk to the water if the mixtures of all the three containers are mixed together

https://youtu.be/O1Nx1ksLoNc

9. Two identical containers have milk and water in the ratio 2 : 1 and 3 : 1, respectively . If 48% from first container and 36% from second containers are emptied into another container, then find the ratio of milk to water in another container

https://youtu.be/O1Nx1ksLoNc

10. Two containers are in ratio 5 : 4 have milk and water in the ratio 2 : 3 and 3 : 7, respectively . If 44% from first container and 55% from second containers are emptied into another container, then find the ratio of milk to water in another container .

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11. A and B are two alloys of gold and copper prepared by mixing metals in the ratio 7 : 2 and 7 :11 respectively. If equal quantities of the alloys are melted to form a third alloy C, the ratio of gold and copper in C will be

https://youtu.be/O1Nx1ksLoNc

12. A and B are two alloys of gold and copper prepared by mixing metals in the ratio 7 : 2 and 2 :1 respectively. If these alloys are melted in ratio 4 : 5 to form a third alloy C, the ratio of gold and copper in C will be

https://youtu.be/O1Nx1ksLoNc

13. Two identical containers have alcohol and water in the ratio 2 : 1 and 5 : 4, respectively . If 40% from first container and 20% from second containers are emptied into a tank whose capacity is same as that of identical containers , and remaining tank is filled with water then find the ratio of alcohol to water in another container.

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14. Two containers are in ratio 2 : 1 contains alcohol and water in the ratio 2 : 3 and 1 : 4, respectively . If 30% from first container and 40% from second containers are emptied into a tank of same capacity , and remaining tank is filled with half water and half milk . Then find the ratio of alochol to water in another container.

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15. Two containers are in ratio 2 : 3 contains alcohol and water in the ratio 1 : 1 and 3 : 2, respectively . If 25 %from first container and 85 % from second containers are taken out. Now removed quantity from first container and remaining quantity from second container is emptied into a tank who have capacity 40% less than the capacity of A . Now 20% of the remaining tank is filled with water and rest with alcohol. Then find the ratio of alochol to water in another container.

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