

Boats and Stream

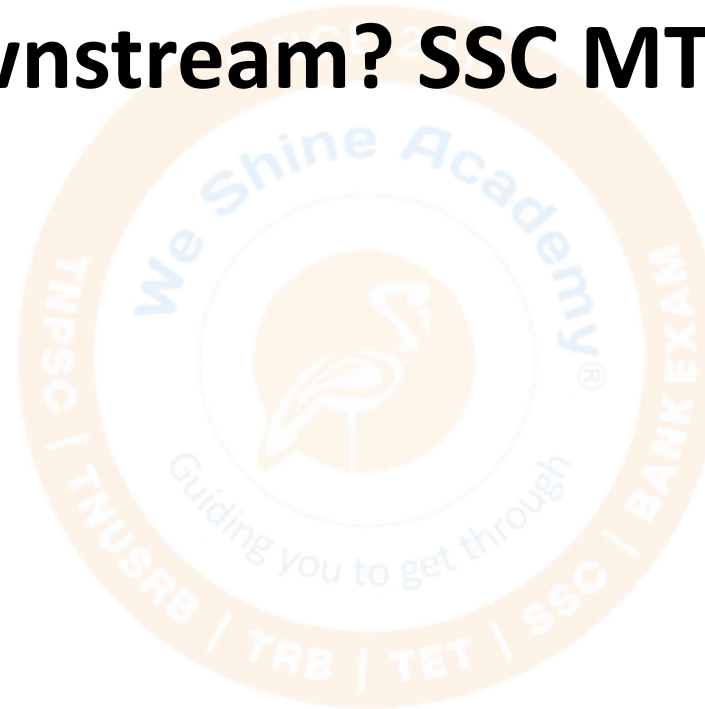




Ajay can row his boat in still water, at a speed of 11 km/hr. If the speed of the stream is 7 km/hr, how long will it take to a distance of 54 km downstream? SSC MTS 03/05/2023

(Afternoon)

- A) 4 hours**
- B) 2 hours**
- C) 2.5 hours**
- D) 3 hours**



The speed of a boat in still water is 15 km/h, and the speed of the current is 5 km/h, in how much time (in hours) will the boat travel a distance of 60 km upstream and the same distance downstream? SSC CPO 25/11/2020 (Evening)

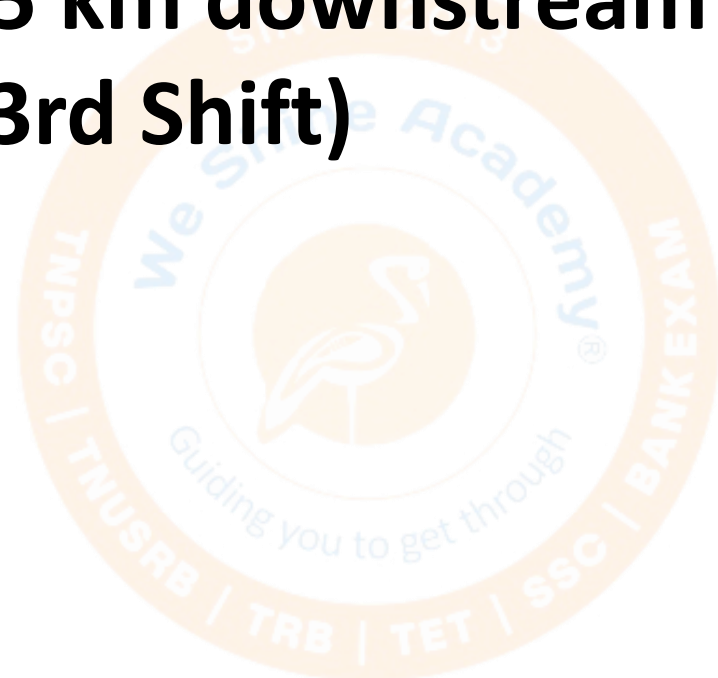
- A) 12
- B) 9
- C) 10
- D) 20



The speed of a boat in still water is 18 km/h and the speed of the stream is 3 km/h. How much time (in hours) will it take to cover a distance of 105 km downstream and in coming back ?

SSC CGL 10/09/2024 (3rd Shift)

- A) 12
- B) 10
- C) 15
- D) 9



A ship goes at 18 km/h downstream and at 16 km/h upstream.
What will be the speed of the ship in still water? SSC CHSL
07/08/2023 (4th Shift)

- A) 14 km/h
- B) 17 km/h
- C) 16 km/h
- D) 15 km/h



If the speed of a boat in still water is 3 km/h and if its speed upstream is 1 km/h, find the speed of the stream. SSC CHSL 11/07/2024 (3rd Shift)

- A) 0.25 km/h
- B) 1 km/h
- C) 2 km/h
- D) 0.5 km/h



A man rows downstream 27 km and upstream 18 km, taking one hour each time. What is the speed of the current ? SSC MTS 12/11/2024 (Afternoon)

- A) 4.5 km/h
- B) 6 km/h
- C) 1.5 km/h
- D) 9 km/h

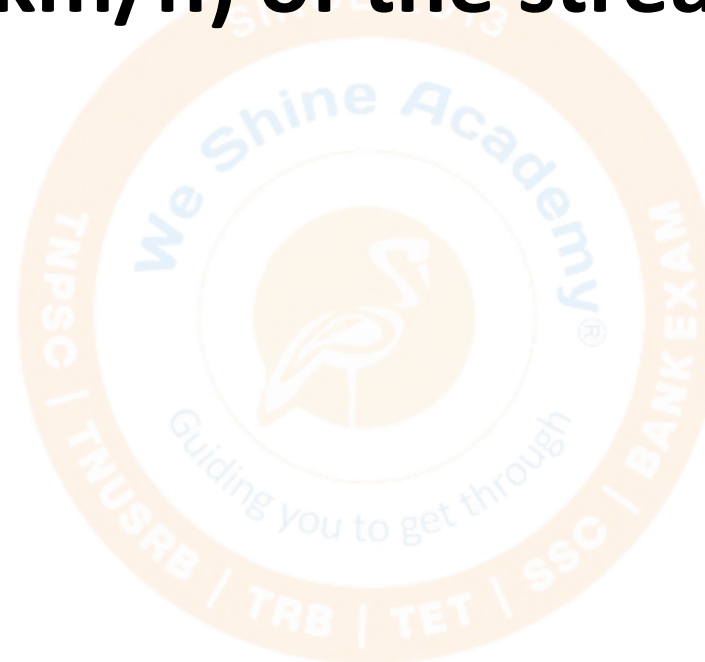


The speed of a boat in still water is 8 km/h, while it takes 2 hours for the boat to cover a distance of 20 km downstream.

What is the speed (in km/h) of the stream ? SSC MTS

09/10/2024 (Evening)

- A) 2.5
- B) 1.75
- C) 2
- D) 1.5



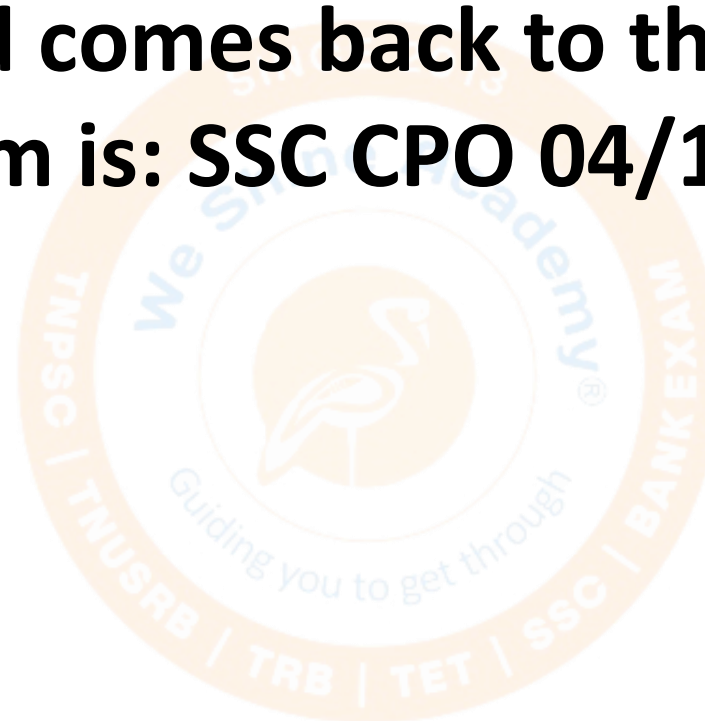
A boat can travel 60km downstream in 4 hours. If the speed of the boat in still water is 13 km/h, then in what time will it cover 30 km upstream? SSC CHSL 02/07/2024 (1st Shift)

- A) $3\frac{5}{7}$ hours
- B) $3\frac{4}{7}$ hours
- C) $2\frac{4}{7}$ hours
- D) $2\frac{8}{11}$ hours



The speed of a boat in standing water is 6 km/h and the speed of the stream is 2.5 km/h. A man rows to a place at a distance of 59.5 kilometers and comes back to the starting point. The total time taken by him is: SSC CPO 04/10/2023 (1st Shift)

- A) 22 hours
- B) 18 hours
- C) 16 hours
- D) 24 hours



A person can row downstream 49 km in 7 hours and upstream 36 km in 9 hours. What is the speed of the current? Higher Secondary 02/08/2022 (Shift - 2)

- A) 1.5 km/h
- B) 2 km/h
- C) 2.5 km/h
- D) 3 km/h



A boat running upstream takes 10 hours to cover a certain distance, while it takes 7 hours to cover the same distance running downstream. What is the ratio between the speed of the boat and that of the water current, respectively? SSC CGL 25/07/2023 (3rd shift)

- A) 17 : 5
- B) 3 : 17
- C) 2 : 17
- D) 17 : 3

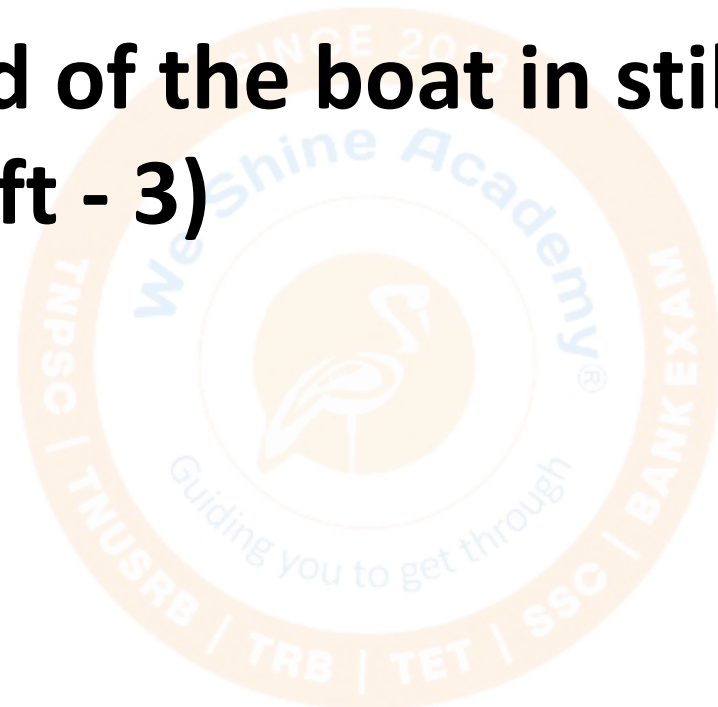
The speed of a boat in still water is 16 km/h. The time taken by the boat to cover a distance of 18 km upstream is equal to the time taken by the boat to travel 30 km downstream. What is the speed of the stream?(in km/h) SSC MTS 06/07/2022

(Evening)

- A) 4
- B) 7
- C) 5
- D) 6

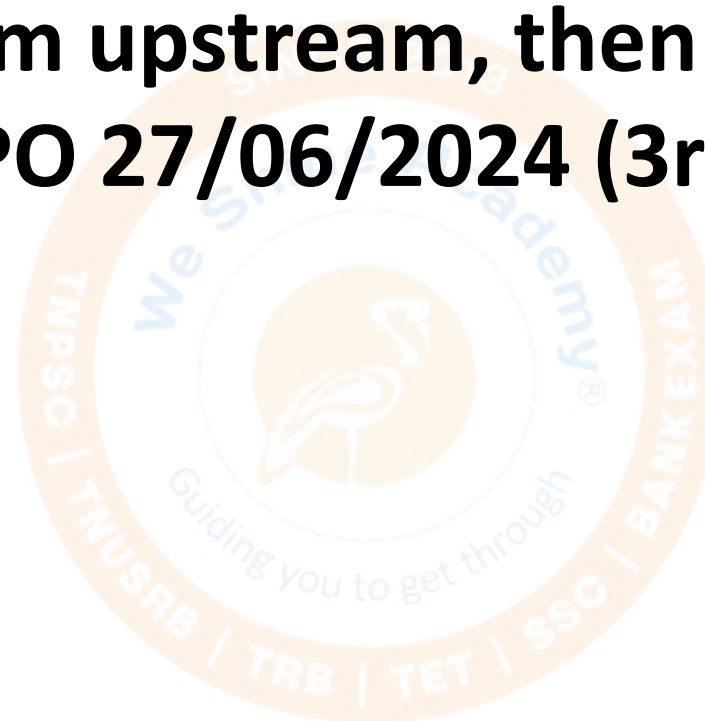
A boat covers a certain distance downstream in 2 hours, while it returns in $2\frac{1}{2}$ hours. If the speed of the stream is 3km/h, then what is the speed of the boat in still water? Graduate Level 24/06/2024 (Shift - 3)

- A) 25 km/h
- B) 29 km/h
- C) 27 km/h
- D) 20 km/h



A man's speed in still water is 4 km/h more than the speed of the current. If the man takes a total of 10 h to cover 45 km downstream and 35 km upstream, then the speed of the man in still water is: SSC CPO 27/06/2024 (3rd Shift)

- A) 20 km/h
- B) 18 km/h
- C) 15 km/h
- D) 22 km/h



A large, faint watermark of the Weshine Academy logo is centered in the background. It features a circular design with a star in the center, surrounded by the text 'Weshine Academy' and 'SINCE 2013'. Below the star, it says 'Guiding you to get through' and lists various exams: 'TNUSRB | TRB | TET | SSC | BANK EXAM'.

Thank You