

Boats and Streams

Worksheet

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Practice Questions on Work and Wages

1. A boat can travel 21 km downstream in 1.5 hours, while it takes 3 hours to cover the same distance upstream. Find the speed of the boat in still water and the speed of the stream.
2. A man rows 12 km downstream in 1 hour and takes 2 hours to row the same distance upstream. What are the speed of the stream and the speed of the man in still water?
3. A boatman goes 15 km upstream in 3 hours and the same distance downstream in 1.5 hours. Find the speed of the boat in still water and the speed of the current.
4. A boat covers a distance of 32 km downstream in 2 hours and takes 4 hours to return the same distance upstream. What is the speed of the boat in still water, and what is the speed of the stream?
5. A boat takes 1.5 hours less to travel 36 km downstream than to travel the same distance upstream. If the speed of the boat in still water is 8 km/hr, find the speed of the current.
6. A boat travels 80 km downstream in 4 hours and the same distance upstream in 5 hours. Calculate the speed of the stream.
7. A boat can travel 48 km downstream in 2 hours and 36 km upstream in 3 hours. What is the speed of the boat in still water and the speed of the stream?
8. A boatman rows 20 km upstream in 4 hours and 28 km downstream in 2 hours. Determine the speed of the boat in still water and the speed of the current.
9. A man rows a boat 15 km downstream in 1.5 hours and returns upstream in 3 hours. Find his rowing speed in still water and the speed of the current.
10. A boat can row 45 km downstream in 3 hours and the same distance upstream in 5 hours. Find the speed of the boat in still water and the speed of the stream.