



Speed - Person in Train - Solve for Train Speed

1 A person on a 120 m long train walks from the back to the front in 15 s. The person's speed relative to the ground is 14 m/s. How fast is the train going?

A	B	C
21 m/s	16 m/s	9 m/s
D		
6 m/s		

2 A person on a 180 m long train walks from the back to the front in 30 s. The person's speed relative to the ground is 16 m/s. How fast is the train going?

A	B	C
10 m/s	25 m/s	5 m/s
D		
20 m/s		

3 A person on a 90 m long train walks from the back to the front in 15 s. The person's speed relative to the ground is 13 m/s. How fast is the train going?

A	B	C
5 m/s	7 m/s	17 m/s
D		
13 m/s		

4 A person on a 140 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 19 m/s. How fast is the train going?

A	B	C
20 m/s	15 m/s	5 m/s
D		
10 m/s		

5 A person on a 90 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 15 m/s. How fast is the train going?

A	B	C
6 m/s	5 m/s	31 m/s
D		
9 m/s		

6 A person on a 100 m long train walks from the back to the front in 25 s. The person's speed relative to the ground is 11 m/s. How fast is the train going?

A	B	C
12 m/s	7 m/s	18 m/s
D		
13 m/s		

7 A person on a 150 m long train walks from the back to the front in 25 s. The person's speed relative to the ground is 12 m/s. How fast is the train going?

A	B	C
26 m/s	9 m/s	11 m/s
D		
6 m/s		

8 A person on a 180 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 24 m/s. How fast is the train going?

A	B	C
19 m/s	14 m/s	6 m/s
D		
31 m/s		