



Speed - Person in Train - Solve for Person Speed

1 A person on a 200 m long train that is going 5 m/s walks from the back to the front while the train goes 250 m. What is the person's speed relative to the ground?

A	B	C
16 m/s	5 m/s	9 m/s
D		
29 m/s		

2 A person on a 150 m long train that is going 4 m/s walks from the back to the front while the train goes 100 m. What is the person's speed relative to the ground?

A	B	C
35 m/s	10 m/s	5 m/s
D		
30 m/s		

3 A person on a 240 m long train that is going 4 m/s walks from the back to the front while the train goes 160 m. What is the person's speed relative to the ground?

A	B	C
10 m/s	5 m/s	30 m/s
D		
25 m/s		

4 A person on a 140 m long train that is going 3 m/s walks from the back to the front while the train goes 105 m. What is the person's speed relative to the ground?

A	B	C
17 m/s	27 m/s	22 m/s
D		
7 m/s		

5 A person on a 240 m long train that is going 3 m/s walks from the back to the front while the train goes 180 m. What is the person's speed relative to the ground?

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

6 A person on a 120 m long train that is going 5 m/s walks from the back to the front while the train goes 200 m. What is the person's speed relative to the ground?

A	B	C
5 m/s	23 m/s	8 m/s
D		
17 m/s		

7 A person on a 160 m long train that is going 5 m/s walks from the back to the front while the train goes 200 m. What is the person's speed relative to the ground?

A	B	C
5 m/s	9 m/s	24 m/s
D		
6 m/s		

8 A person on a 240 m long train that is going 5 m/s walks from the back to the front while the train goes 75 m. What is the person's speed relative to the ground?

A	B	C
6 m/s	21 m/s	36 m/s
D		
26 m/s		