



## Speed - Person in Train - Solve for Train Speed



**1** A person on a 240 m long train walks from the back to the front in 30 s. The person's speed relative to the ground is 14 m/s. How fast is the train going?

A	B	C
31 m/s	6 m/s	21 m/s
D		
11 m/s		

**2** A person on a 150 m long train walks from the back to the front in 30 s. The person's speed relative to the ground is 9 m/s. How fast is the train going?

A	B	C
5 m/s	14 m/s	4 m/s
D		
9 m/s		

**3** 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 8 m/s. How fast is the train going?

A	B	C
6 m/s	19 m/s	4 m/s
D		
21 m/s		

**4** A person on a 200 m long train walks from the back to the front in 20 s. The person's speed relative to the ground is 14 m/s. How fast is the train going?

A	B	C
4 m/s	19 m/s	29 m/s
D		
21 m/s		

**5** A person on a 180 m long train walks from the back to the front in 20 s. The person's speed relative to the ground is 15 m/s. How fast is the train going?

A	B	C
11 m/s	6 m/s	31 m/s
D		
21 m/s		

**6** A person on a 110 m long train walks from the back to the front in 55 s. The person's speed relative to the ground is 8 m/s. How fast is the train going?

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

**7** A person on a 240 m long train walks from the back to the front in 40 s. The person's speed relative to the ground is 10 m/s. How fast is the train going?

A	B	C
11 m/s	4 m/s	5 m/s
D		
9 m/s		

**8** A person on a 120 m long train walks from the back to the front in 40 s. The person's speed relative to the ground is 9 m/s. How fast is the train going?

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