Math worksheet on *'Speed - Person in Train - Solve for Train Speed (Level 2)'*. Part of a broader unit on *'Speed, Distance, and Time Logic Challenges - Intro'*

Learn online: app.mobius.academy/math/units/speed_distance_time_logic_intro/

1 A person on a 150 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 14 m/s	**b** 29 m/s	**c** 9 m/s
d 5 m/s		

2 A person on a 170 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 7 m/s	**b** 12 m/s	**c** 18 m/s
d 13 m/s		

3 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 16 m/s	**b** 6 m/s	**c** 21 m/s
d 9 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 5 m/s	**b** 10 m/s	**c** 15 m/s
d 20 m/s		

5 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 27 m/s. How fast is the train going?

a 9 m/s	**b** 11 m/s	**c** 6 m/s
d 14 m/s		

6 A person on a 120 m long train walks from the back to the front in 10 s. The person's speed relative to the ground is 21 m/s. How fast is the train going?

a 24 m/s	**b** 11 m/s	**c** 9 m/s
d 29 m/s		

7 A person on a 140 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 33 m/s	**b** 7 m/s	**c** 8 m/s
d 5 m/s		