



Math worksheet on 'Speed - Person in Train - Solve for Person Speed (Level 1)'. 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 30 m long train that is going 6 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	7 m/s	b	27 m/s	c	18 m/s
d	8 m/s				

2 A person on a 60 m long train that is going 6 m/s walks from the back to the front while the train goes 120 m. What is the person's speed relative to the ground?

a	11 m/s	b	9 m/s	c	5 m/s
d	19 m/s				

3 A person on a 40 m long train that is going 4 m/s walks from the back to the front while the train goes 80 m. What is the person's speed relative to the ground?

a	6 m/s	b	16 m/s	c	14 m/s
d	19 m/s				

4 A person on a 50 m long train that is going 6 m/s walks from the back to the front while the train goes 60 m. What is the person's speed relative to the ground?

a	26 m/s	b	14 m/s	c	6 m/s
d	11 m/s				

5 A person on a 50 m long train that is going 3 m/s walks from the back to the front while the train goes 30 m. What is the person's speed relative to the ground?

a	8 m/s	b	5 m/s	c	28 m/s
d	17 m/s				

6 A person on a 30 m long train that is going 3 m/s walks from the back to the front while the train goes 90 m. What is the person's speed relative to the ground?

a	21 m/s	b	4 m/s	c	5 m/s
d	14 m/s				

7 A person on a 40 m long train that is going 4 m/s walks from the back to the front while the train goes 40 m. What is the person's speed relative to the ground?

a	17 m/s	b	7 m/s	c	12 m/s
d	8 m/s				