



Math worksheet on 'Speed - Train Past Platform - Solve for Time (Level 3)'. 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 100 m long train is going 6 m/s. How long does it take to go past the entire length of a 80 m platform?

a

50 s

b

25 s

c

30 s

d

40 s

2

A 170 m long train is going 10 m/s. How long does it take to go past the entire length of a 30 m platform?

a

15 s

b

45 s

c

20 s

d

10 s

3

A 180 m long train is going 14 m/s. How long does it take to go past the entire length of a 30 m platform?

a

15 s

b

35 s

c

5 s

4

A 200 m long train is going 6 m/s. How long does it take to go past the entire length of a 70 m platform?

a

40 s

b

30 s

c

60 s

d

45 s

5

A 230 m long train is going 20 m/s. How long does it take to go past the entire length of a 70 m platform?

a

15 s

b

5 s

c

20 s

d

40 s

6

A 140 m long train is going 4 m/s. How long does it take to go past the entire length of a 60 m platform?

a

30 s

b

50 s

c

75 s

d

35 s

7

A 160 m long train is going 4 m/s. How long does it take to go past the entire length of a 80 m platform?

a

40 s

b

60 s

c

45 s

d

50 s