



Math worksheet on 'Speed - Train Past Platform - Solve for Train Length (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 train going 4 m/s fully passes a 30 m platform in 30 s. How long is the train?

a

105 m

b

90 m

c

80 m

d

95 m

2

A train going 5 m/s fully passes a 40 m platform in 50 s. How long is the train?

a

235 m

b

210 m

c

225 m

d

185 m

3

A train going 20 m/s fully passes a 70 m platform in 15 s. How long is the train?

a

210 m

b

225 m

c

250 m

d

230 m

4

A train going 3 m/s fully passes a 30 m platform in 40 s. How long is the train?

a

90 m

b

70 m

c

105 m

d

110 m

5

A train going 6 m/s fully passes a 40 m platform in 25 s. How long is the train?

a

125 m

b

100 m

c

110 m

d

85 m

6

A train going 6 m/s fully passes a 70 m platform in 45 s. How long is the train?

a

220 m

b

175 m

c

200 m

d

215 m

7

A train going 5 m/s fully passes a 50 m platform in 50 s. How long is the train?

a

200 m

b

180 m

c

205 m

d

215 m