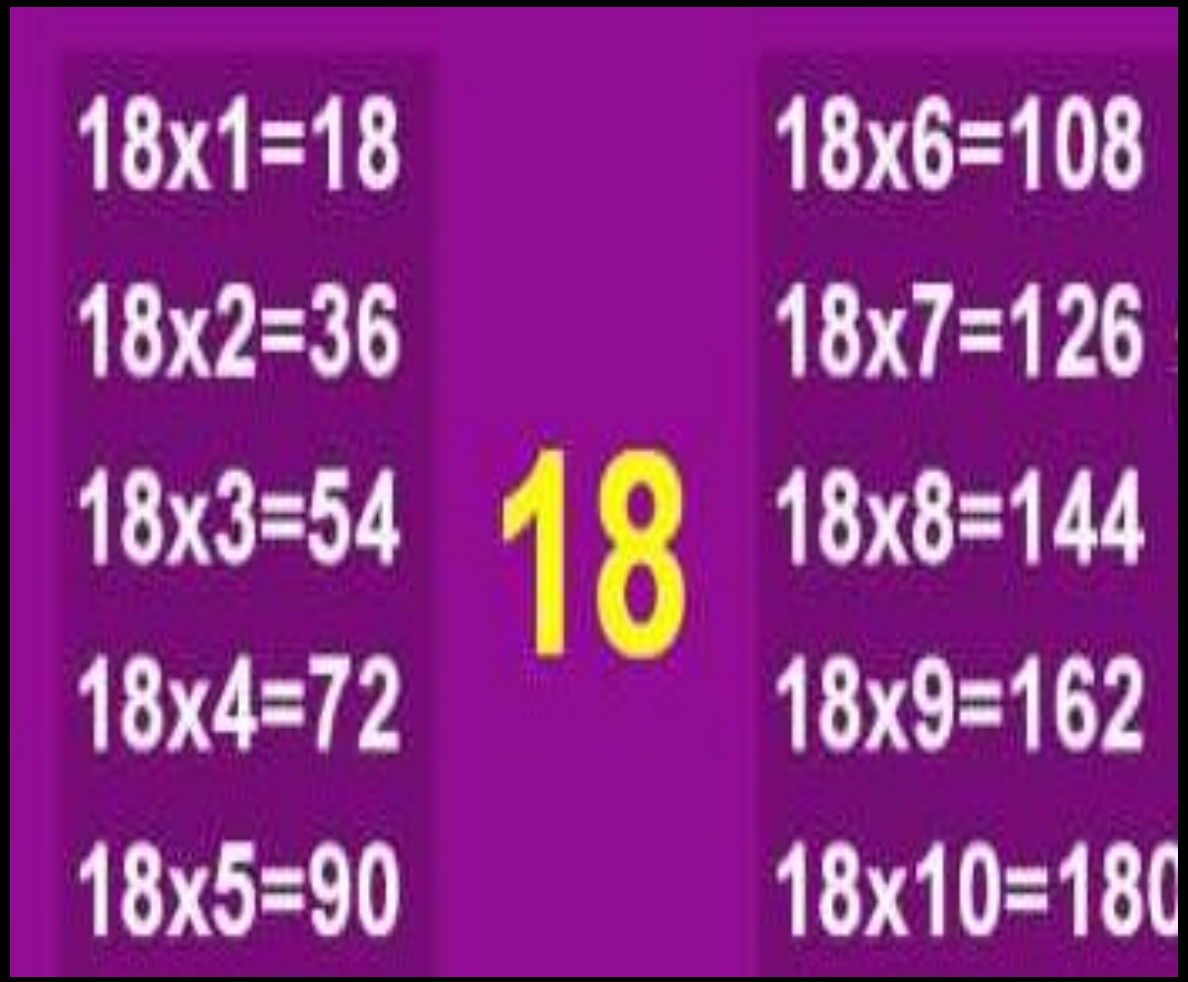
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18
18x6=108
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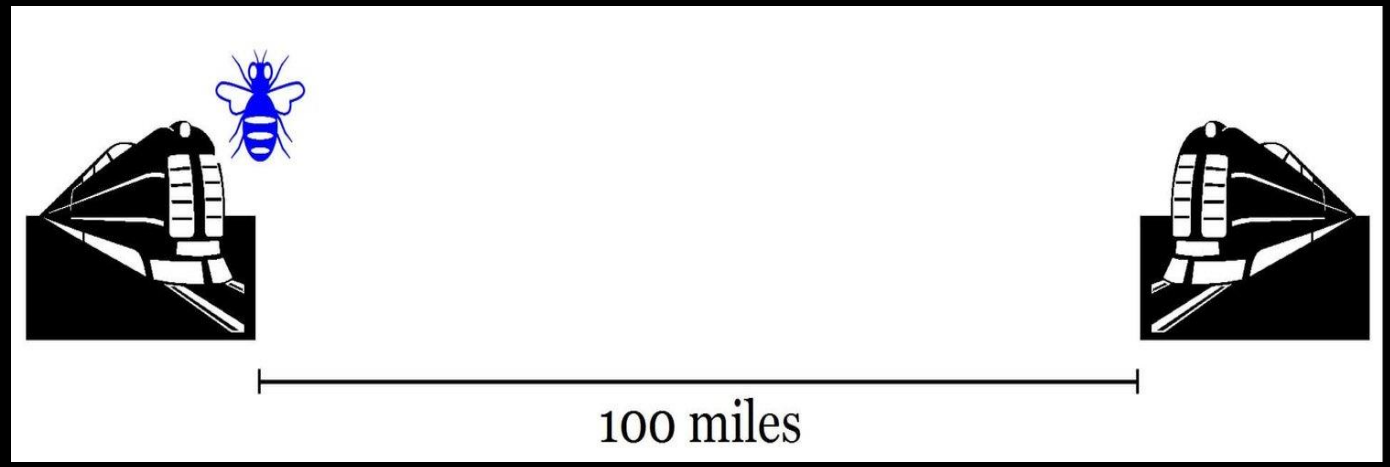
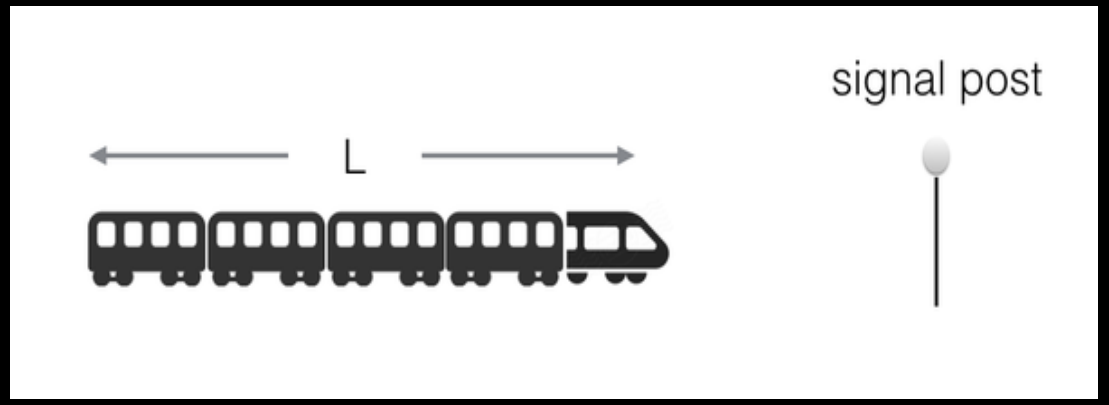


Two trains are on the same line, 100 miles apart, heading towards each other, each traveling at 20 mph. A fly that can travel at 40mph leaves one engine flying towards the other. Upon reaching the other engine, it instantaneously turns around, and heads back to the other engine. This is repeated until the two trains crash and the fly is annihilated at the same time.

Question: How far does the fly travel before it is "splatted"?



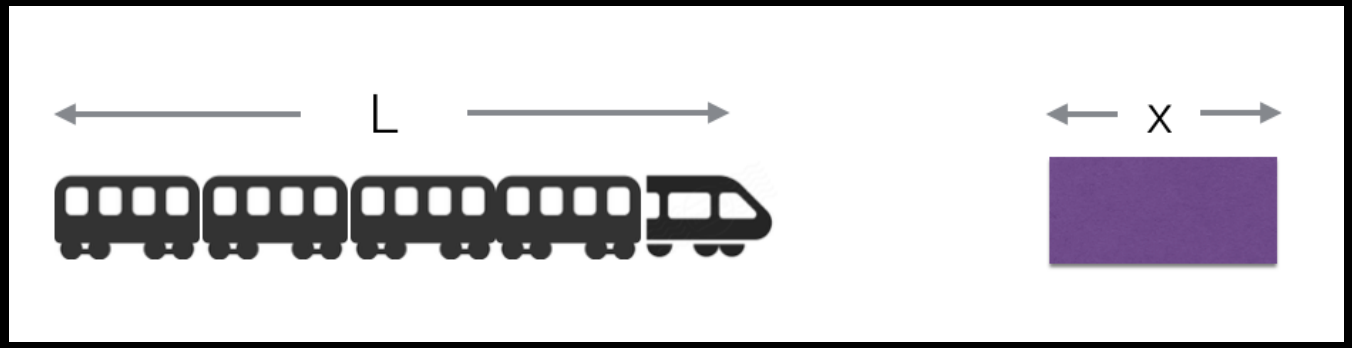
Q. 1

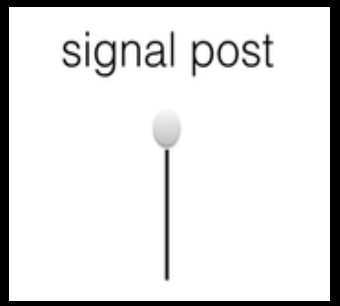
A 340 m long train crosses a pole in 20 seconds. What is the speed of train (in m/s)?

1) 15 2) 9 3) 17 4) 12 5) None of these

Q.2 A train of length 120 m long crosses a pole in 3 sec. How long will it takes to cross a railway platform of length 240 m?

1) 4.5 sec 2) 3.5 sec 3) 5 sec 4) 9 sec 5) None of these





Q.3 A goods train runs at the speed of 72 kmph and crosses a 250 m long platform in 26 seconds. What is the length of the train?

1) 230 m 2) 240 m 3) 260 m 4) 270 m 5) None of these

Q 4 .

A train 100 m long passes a telegraph pole in 4 sec. How long will it takes to cross a railway platform of length 150 m?

1) 4.5 sec 2) 3.5 sec 3) 5 sec 4) 10 sec 5) None of these

Q.

A 270 m long train running at the speed of 120 kmph crosses another train coming from opposite direction at the speed of 80 kmph in 9 seconds. What is the length of the other train?

1) 230 m 2) 240 m
3) 260 m 4) 320 m 5) None of these

Q . A train running at the speed of 48 kmph crosses another train coming from the opposite direction in 18 seconds. What is the length of first train?

1) 200 m 2) 100 m 3) 150 m 4) Cannot be determined 5) None of these

Two ants of length 1 cm and 1.2 cm crawl in opposite directions with average speeds of 2 and 3 mm per second respectively. How many seconds will they take to cross each other?

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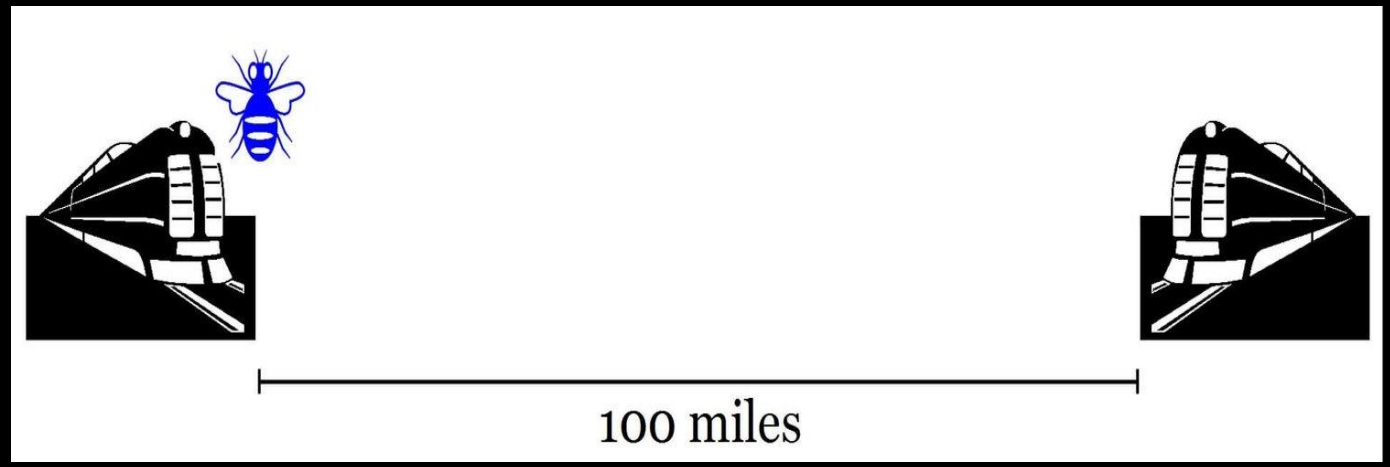


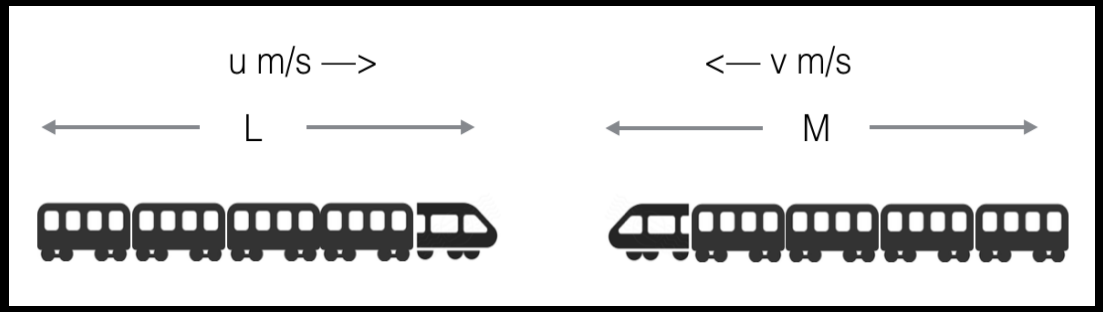
Two trains are on the same line, 100 miles apart, heading towards each other, each traveling at 20 mph. A fly that can travel at 40mph leaves one engine flying towards the other. Upon reaching the other engine, it instantaneously turns around, and heads back to the other engine. This is repeated until the two trains crash and the fly is annihilated at the same time.

Question: How far does the fly travel before it is "splatted"?

Q

A train of length 170 m running at 72 kmph cleared a tunnel in 18 sec. What is the length of the tunnel?

1) 200 m 2)190 m 3) 185 m 4) 206 m 5) None of these



Q. A train running at the speed of 72 kmph crosses another train coming from the opposite direction at the speed of 54 kmph in 10 seconds. What is the length of first train if the length of the second train is 150 m?

1) 200 m 2) 100 m 3) 150 m

4) Cannot be determined 5) NOT

Q. A 270 m long train running at the speed of 120 kmph passes another train running in same direction at the speed of 80 kmph in 36 seconds. What is the length of the other train?

1) 130 m 2) 240 m 3) 260 m 4) 320 m 5) None of these

Q1. A 320 metres long train takes 80 seconds more time to cross a platform than it takes to cross a pole at the same speed. If the length of platform is twice the length of train, then find the speed of the train.

(a) 16 m/sec (b) 10 m/sec (c) 6 m/sec (d) Cannot be determined (e) None of these

Q2. Train- A crosses a stationary train – B in 35 seconds and a pole in 14 seconds with the same speed. The length of the train – A is 280 metres. What is length of the stationary train – B?

(a) 360 metres (b) 480 metres (c) 400 metres

(d) 420 meters (e) 300 meters

A 320 metres long train moving with an average speed of 120 km/hr crosses a platform in 24 seconds. A man crosses the same platform in 4 minutes. What is the speed of the man in metre/second?

(a) 2.4 m/sec (b) 1.5 m/sec (c) 1.3 m/sec (d) 2.0 m/sec (e) 4 m/sec

A 240 metres long train crosses a platform twice its length in 40 seconds. What is the speed of the train?

(a) 6 meters/sec (b) 28 meters/sec
(c) 18 meters/sec (d) 16 meters/sec
(e) 45 meters/sec

Q. Train A travelling at 126 km/hour completely crosses Train B in 9 seconds. Train B is half the length of train A and is travelling at a speed of 90 km/hour in the opposite direction (towards train A). How much will train A take to cross a platform of length 690 metres?

(a) 28 seconds (b) 32 seconds

(c) 25 seconds (d) 30 seconds

(e) 46 seconds

Train A which is 320m long crosses a pole in 16 seconds. If it halts 5 times each time for exactly 18 minutes, how many hours will it take to cover a distance of 576 km?

(a) 8 hours (b) 21/2 hours

(c) 17/2 hours (d) 9 hours

(e) 19/2 hours