B. 315 kph

C. 20 kph

D. 287 kph

189. A train, an hour after starting, meets with accidents which detain it an hour, after which if proceeds at 3/5 of its former rate and arrives three hour after time; but had the accident happened 50 miles farther on the line, it would have arrived a one and one-half hour sooner. Find the length of the journey.

A. 910/9 miles

B. 800/9 miles

C. 920/9 miles

D. 850/9 miles

190. On a certain trip, Edgar drive 231 km in exactly the same time as Erwin drive 308 km. If Erwin's rate exceeded that of Edgar by 13 kph, determine the rate Erwin.

A. 39 kph

B. 44 kph

C. 48 kph

D. 52 kph

191. In how many minutes after 2 o'clock will the hands of the clock extend in opposite directions for the first time?

a. 42.4 minutes

b. 42.8 minutes

c. 43.2 minutes

d. 43.6 minutes

192. In how many minutes after 7 o'clock will the hands be directly opposite each other for the first time?

a. 5.22 minutes

b. 5.33 minutes

c. 5.46 minutes

d. 5.54 minutes

193. What time after 3 o'clock will the hands of the clock be together for the first time?

a. 3:02.30

b. 3:17.37

c. 3:14.32

d. 3:16.36

194. At what time after 12:00 noon will the hour hand and minute hand of the clock first form an angle of 120°?

a. 12:03.818

b. 12:21.818

c. 12:22.818

d. 12:24.818

195. At what time between 8 and 9 o'clock will the minute hand coincide with the hour hand?

a. 8:42.5

b. 8:43.2

c. 8:43.6

d. 8:43.9

196. A man left his home at past 3:00 o'clock PM as indicated in his wall clock, between 2 to 3 hours after, he returns home and noticed the hands of the clock interchanged. At what time did the man leave his home?

a. 3:31.47