88 One pipe can fill a tank in 20 minutes, while another takes 30 minutes to fill the same tank. How long would it take the two pipes together to fill the tank?

A   50 min

B   25 min

C   15 min

D   12 min

CSA00161

89 Two airplanes left the same airport traveling in opposite directions. If one airplane averages 400 miles per hour and the other airplane averages 250 miles per hour, in how many hours will the distance between the two planes be 1625 miles?

A   2.5

B   4

C   5

D   10.8

CSA10055

90 Lisa will make punch that is 25% fruit juice by adding pure fruit juice to a 2-liter mixture that is 10% pure fruit juice. How many liters of pure fruit juice does she need to add?

A   0.4 liter

B   0.5 liter

C   2 liters

D   8 liters

CSA10186

91

Jena's Vacation

Miles Traveled	600	450	300	960
Gallons of Gasoline	20	15	10	x

Jena's car averaged 30 miles per gallon of gasoline on her trip. What is the value of x in gallons of gasoline?

A   32

B   41

C   55

D   80

CSA10064

92 Which relation is a function?

A   {(−1, 3), (−2, 6), (0, 0), (−2, −2)}

B   {(−2, −2), (0, 0), (1, 1), (2, 2)}

C   {(4, 0), (4, 1), (4, 2), (4, 3)}

D   {(7, 4), (8, 8), (10, 8), (10, 10)}

CSA10070

88	D
89	A
90	A
91	A
92	B