

they will be together in 20mins. (true time); how many spaces are they apart? 14spaces—Ans.

4 A invested \$4000 in Bank Stock at 110 paying a yearly dividend of 5 per cent, B invested \$3500 in 3 per cent stock at 90; find the difference between their annual incomes. $\$65\frac{5}{3}$ —Ans.

5 A man insured his house at $\frac{3}{4}$ per cent, the policy covering both the value of the house and the premium. The premium was \$30; find the value of the house. \$3970—Ans.

6 In a circle a straight line joining the extremities of two radii, at right angles to each other, forms with them a triangle whose area is 98; find the area of the circle. 616—Ans.