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JSTSE : PREVIOUS YEARS

(Mathematics : Direct and Inverse Proportion)

1. If $\frac{25p+14q}{5p+7q} = \frac{8}{3}$, then $p : q$ is (2014)

(a) 3 : 5

(b) 2 : 5

(c) 2 : 3

(d) 5 : 4

Ans. (b)

2. A farmer can plough a farm in 10 days by working 5 hours a day. In how many days can 5 farmers plough 10 such farms working at 5 hours a day? (2014)

(a) 20 days

(b) 25 days

(c) 15 days

(d) 24 days

Ans. (a)



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