

MCQ's Work Sheet - II
CLASS VIII: CHAPTER - 13
DIRECT AND INVERSE PROPORTIONS

- Q1:** If the weight of 6 sheets of a paper is 162 grams, how many sheets of the same quality of paper would weigh 13.5 kg?
(a) 300 (b) 400 (c) 500 (d) none of these
- Q2:** 1152 bars of soap can be packed in 8 cartoons of the same size. How many such cartoons will be required to pack 3888 bars?
(a) 27 (b) 24 (c) 25 (d) none of these
- Q3:** If the thickness of a pile of 16 cardboards is 44mm, how many cardboards will be there in a pile which is 71.5 cm thick?
(a) 270 (b) 260 (c) 250 (d) none of these
- Q4:** At a particular time of a day, a 7m high flagstaff casts a shadow which is 8.2m long. What is the height of the building which casts a shadow 20.5 m in length at the same time?
(a) 15.5 m (b) 16.5 m (c) 17.5 m (d) none of these
- Q5:** 15 men can build a 16.25m long wall up to a certain height in one day. How many men should be employed to build a wall of the same height but of length 26m in one day?
(a) 27 (b) 24 (c) 25 (d) none of these
- Q6:** In a hospital, the monthly consumption of milk of 60 patients is 1350 litres. How many patients can be accommodated in the hospital if the monthly ration of milk is raised 1710 litres, assuming that the quota per head remains the same?
(a) 75 (b) 76 (c) 77 (d) none of these
- Q7:** The extension in an elastic string varies directly as the weight hung on it. If a weight of 150 g produces an extension of 2.8 cm, what weight would produce an extension of 19.6 cm?
(a) 1.5 kg (b) 1.05 kg (c) 15 kg (d) none of these
- Q8:** A car travels 432 km on 48 litres. How far would it travel on 20 litres of petrol?
(a) 160 km (b) 180 km (c) 200 km (d) none of these
- Q9:** If 40m of a cloth costs Rs. 1940, how many metres can be bought for Rs. 727.50?
(a) 15 m (b) 16 m (c) 17 m (d) none of these
- Q10:** A private taxi charges a fare of Rs. 260 for a journey of 200 km, how much would it travel for Rs. 279.50?
(a) 200 km (b) 215 km (c) 200 km (d) none of these
- Q11:** Manoj types 540 words during half an hour, how many words would he type in 6 minutes?
(a) 105 (b) 106 (c) 108 (d) none of these
- Q12:** Rohit bought 12 registers for Rs. 156, find the cost of 7 such register.
(a) Rs. 90 (b) Rs. 91 (c) Rs. 92 (d) none of these