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DEPARTMENT OF MATHEMATICS

23GET275 VQAR-I UNIT-1

Proportion and Ratio Ratio: The ratio of two quantities D the same units, is ia a: we write it as a: b, we call the ratio In antecedent " and first team or term or consequent equality of two rapide 28 Proportion: The pro portion a:b=c:d, we write, a:b::c:d and 3) Say that a, b, c, d are in proportion. extremes a & d are called Hore mean terms alled C ane Product of extremes Product of means 4) biicid (>> -X. x c) = (axd) 5) proportional 11 a: b=c:d then d is . fled lith proportional to a,b,c the a:b ic then c ard proportional Propostional ean proportional mariem 2 $(a:b)>(c:d) \Longrightarrow (a)$ (a:: 6) to intio. 07 is Q (a:b) plicate ratio in Ca ratio 2 (a: 6) is 13) :6) 14





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classmate Date Pege 7) Variation say that is directly proportional Some Constant x = Ky for an 26 00 4 that x is inverse proportiona tor Some K a we 8) (1) overtendo C (IV Alternando (iii) Componen Cto ath d (iv) Dividend -b C-d = a b d (V) Company dividend + 9 , Then ate + α b 6+d+ d





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DEPARTMENT OF MATHEMATICS Det Then n (i) : B = bde : bd ace R: A: 2) (i)] at Dan at D atht 14. ath 3) incomes et. Two Son ano Den then their in comes Saver a ano 000 a -bc ad bt





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tlassmate ana in Ho a 20 the h ane in tatio number ratio the 080 1) 1:3 BIC nd Valu B 10 1280 1 (11 3 B: C=2:5 C:D=2 2 = (1x2x2): (3x2x2): (3x5x2): (3x5x2) D C 4:12:30:45 35:28:20. the in ratio 0 2 (1) formula 1100 x 2324 35 35+28+20





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