

JSUNIL TUTORIAL , SAMASTIPUR

6th Ratio and Proportional - 2

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21. If 36 , x , x , 16 are in proportional Find value of x
22. Find value of x if 25, 35, x are in proportional
23. An electrical pole cast shadow length 20 m at a time when a tree of 6 cm cast shadow of 8 m. Find the height of pole.
24. The length of the sides of a triangle are in ratio 1: 3: 5 .If perimeter of triangle is 90 cm find its largest side
25. Rohit earns Rs. 7650 and saves Rs. 918 per month Find ratio of
(I) his income to his saving (II) His income to his expenditure (III) his expenditure to his saving
26. Find the ratio of the price of pencil to that of ball pen if pencil cost Rs 96 per score and ball pen cost Rs. 50.40 per dozen
27. (i)Find the ratio of 75 paisa and Rs 3 (i)Find the ratio of 125 gm to 2 kg. ?
28. Neha got 850 marks out of 1000 marks and Sazia got 375 in 500.Express their marks in ratio?
29. The number of boys in school is 500 and that of girls 275. Find the Ratio of
(i) Boys to that of girls (ii) Boys to total num of students (iii) Total number to that of girls.
30. The ratio of the height of Mohit and Rohit is 4 : 3 . if Rihit is 1.5 m tall . Find the height of Mohit 31.
Jaya is 1.30m tall and Shakshi is 1m25 cm tall . Find the ratio of their height ?
- 32 Are 5 : 6 :: 10 : 12 and 12 : 18 :: 14 : 24 equivalent ?
33. Find the value of x : (i) $X/5 = 6/15$ (ii) $7/8 = 21 /X$ (iii) $44 : X :: 11 : 4$ (iv) $7 : X = 21 : X$
34. The ratio of income to expenditure 9 : 8 Find saving, if total income is Rs. 2700
35. Two number are in ratio 2 : 7 . If the sum of the num is 81 .Find the numbers?
36. The ratio of boys to girls in a school is 8 : 3 if the num. of boys are 400 find the number of girls.
38. Is 3: 5 equivalent to 4: 6? Why or why not?
39. The 1st 2nd and 4th term of a proportion al is 6, 10, 15 . Find the third term?
40. First, third, fourth term of a proportional are 45,25,35, Find third term.
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