- 3:5:7. Find the largest share. 10. (a) A sum of \$24 000 is to be divided into three shares in the ratio of
- perimeter is 45 cm, find the sides. (b) The lengths of the sides of a triangle are in the ratio of 4:5:6. If the
- (a) his income to his expenditure, 11. Mr Chen earns \$2500 and spends \$1750 a month. Find the ratio of
- (b) his savings to his income,
- (c) his savings to his expenditure.
- X: Y: X bnfl , I: 0 = X: Y bnfl , I: 0 = X: X bnfl , I: 012. (a) If A: B = 3: 4 and B: C = 2: 3, find A: B: C.
- ratio in which the price increases. 13. If the price of petrol is increased from \$1.20 to \$1.50 per litre, find the
- old price was \$15. 14. The price of a book is increased in the ratio 6:5. Find the new price if the
- 4:5. Find the sale price of 15. In a sale, the prices of all stationery articles were reduced in the ratio
- (a) a pen whose original price was \$25.
- (b) a pencil box whose original price was \$1.50,
- (c) a clipboard whose original price was \$3.75.
- the dimensions of the new picture. 16. A picture measuring 8.5 cm by 5.5 cm is enlarged in the ratio 7:5. Find
- ratio does his petrol bill increase or decrease? increased his monthly petrol consumption from 200 l to 300 l. In what 17. When the price of 1 l of petrol is reduced from \$1.50 to \$1.20, Mr Rajan
- in the ratio 6:5, what is the new ratio of boys to girls? girls is decreased in the ratio 4:5 while the number of boys is increased 18. A school's computer club has 250 boys and 175 girls. If the number of
- he saves \$120. Find his expenditure in March. 19. David's expenditure in April has decreased in the ratio 4:5 and as a result
- 15 longer than B by 8 cm, find the length of the stick. 20. A piece of wood is cut into 3 pieces A, B and C, in the ratio 2:3:5. If C
- glasses. the number of girls who wear glasses to the number of boys who wear is 2:3. If $\frac{1}{4}$ of the boys and $\frac{1}{5}$ of the girls wear glasses, find the ratio of *21. The ratio of the number of boys to the number of girls in a group of pupils