

Model Activity Task
Class – VII
Mathematics
Full Marks : 20

Write the answers of the following questions —

1×4=4

1. Choose the correct answer :

- (i) The simplest form of 9 : 15 is
(a) 18 : 30 (b) 9 : 1
(c) 1 : 15 (d) 3 : 5
- (ii) There are 36 boys and 28 girls in a class. The ratio of girls to boys is
(a) 9 : 9 (b) 7 : 9
(c) 9 : 14 (d) 18 : 7
- (iii) On comparing 5 : 15 and 2 : 3, We find that the smaller ratio is
(a) 2 : 3 (b) 3 : 2
(c) 3 : 1 (d) 5 : 15
- (iv) The ratio of the costs of two houses is 4 : 3. The proportional parts of 1st house is
(a) $\frac{4}{3}$ (b) $\frac{3}{4}$
(c) $\frac{4}{7}$ (d) $\frac{3}{7}$

2. Write true / false :

1×3=3

- (i) The unit of ratio is none.
- (ii) The fractional form of a : b is $\frac{a}{b}$.
- (iii) The ratio of ₹1 to ₹ 1.30 is 10 : 13.

3. (i) A ratio in the simplest form is 5 : 7. If the antecedent is 45, find the consequent.

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- (ii) Write the ratio $2\frac{1}{4} : \frac{5}{8}$ in the simplest form.

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- (iii) Find the compound ratio of the following ratios :

2kg : 480 gm and 120 min : 150 min.

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- (iv) For cultivation of paddy 17 bags of cowdung and 3 bags of vegetable peel being mixed. Find the proportional part of vegetable peel.

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4. ₹ 12,100 is divided among Madhu, Manash, Kuntal and Indra in the ratio of 2 : 3 : 4 : 2. Calculate and write how much each will get.

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Students will write answers to these activity tasks in subject-specific exercise books at home, and submit the exercise books to respective subject teachers after schools reopen.
Under no circumstance, students will go out of home.