

International Indian School, Riyadh
Review Worksheet

Std: VII

Subject: Mathematics

Chapter 2. Fractions & Decimals

1. Write five equivalent fractions of $\frac{2}{7}$.
2. Solve: (a) $2 - \frac{3}{5}$ (b) $7\frac{1}{2} + 3\frac{1}{4} - 2\frac{1}{4}$
(c) $\frac{8}{3} - 1$ (d) $\frac{2}{9} + \frac{3}{15} + \frac{5}{27}$
3. Arrange $\frac{4}{9}$, $\frac{3}{7}$, $\frac{5}{21}$ in ascending order.
4. Sahil solved $\frac{2}{5}$ part of an exercise while Rahim solved $\frac{3}{5}$ of it. Who solved lesser part? By how much?
5. A rectangular table top is $2\frac{1}{2}$ m long and $1\frac{3}{4}$ m wide. Find its perimeter.
6. Find: (a) $\frac{5}{8}$ of $8\frac{4}{7}$ (b) $\frac{3}{5}$ of $\frac{5}{9}$
(c) $\frac{1}{2}$ of 102 (d) $\frac{3}{4}$ of 224
7. Multiply: (a) $28 \times 2\frac{3}{7}$ (b) $3\frac{1}{4} \times 16$
(c) $\frac{2}{9} \times \frac{81}{3}$ (d) $7\frac{2}{3} \times 3\frac{3}{4}$ (e) $9\frac{1}{4} \times \frac{16}{5}$
8. A cyclist covers $4\frac{1}{2}$ km in 1 hour. How far does he go in $3\frac{1}{2}$ hours?

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9. Which is greater: $\frac{3}{5}$ of $\frac{3}{4}$ or $\frac{1}{2}$ of $\frac{1}{5}$
10. Provide the number in the box $\square$, such that
$$\frac{3}{5} \times \square = \frac{24}{145}$$
11. Rasheed bought 45 kg of rice for SR 270. What is the cost of 1 kg rice.
12. Find: (a) $18 \div \frac{3}{5}$ (b) $12 \div 2\frac{3}{4}$ (c) $2\frac{2}{5} \div 1\frac{1}{10}$
(d) $\frac{7}{5} \div 14$ (e) $12\frac{3}{4} \div 17$ (f) $\frac{144}{5} \div \frac{12}{5}$
13. Which is greater? 3.05 or 3.50
14. Express 49 mm in cm, m and km
15. How much less is 42 km than 81.9 km?
16. Express in kg: (a) 7 kg 5 g (b) 7492 g (c) 315 g
17. Express in rupees using decimals:
(a) 9 paise (b) 8 rupees 3 paise (c) 725 paise
18. Write in expanded form: (a) 300.05 (b) 2.105
(c) 30.39
19. Write the place value of 5 in the following decimal numbers: (a) 2.35 (b) 85.32
(c) 29.205 (d) 128.250 (e) 10.2935
20. Laila bought 8 kg 7 g oranges and 4 kg 25 g grapes. Jessy bought 5 kg 200 g bananas and 6 kg 305 g mangoes. Who bought more fruits and by how much?

21. The side of an equilateral triangle is 5.5cm. Find its perimeter.
22. Find: (a) 100.3×10.3 (b) 8.9×1000 (c) 0.5×0.008
(d) 0.2×10 (e) 233.33×3 (f) 18.25×0.25
23. A train covers 311.50 Km in 3.5 hours. What is the distance covered by it in 1 hour?
24. If a car covers a distance of 19.5 km in one litre of petrol. How much distance will it cover in 19.5 litres of petrol?
25. Find: (a) $125.086 \div 26$ (b) $8.397 \div 1000$
(c) $30.24 \div 0.36$ (d) $66.65 \div 0.215$
(e) $9.5 \div 1.9$ (f) $27.39 \div 0.1$ (g) $12.397 \div 10$
26. Find the average of 8.4, 7.5, 12.9 and 10.6
27. Each side of a regular polygon is 7.3 cm in length. The perimeter of the polygon is 36.5 cm. How many sides does the polygon have?

Prepared by:

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VI-VIII (Girls)

ANSWERS

(1) $\frac{4}{14}, \frac{6}{21}, \frac{8}{28}, \frac{10}{35}, \frac{12}{42}$

(2) (a) $1\frac{2}{5}$ (b) $8\frac{1}{2}$ (c) $1\frac{2}{3}$ (d) $\frac{82}{135}$

(3) $\frac{3}{7}, \frac{5}{21}, \frac{4}{9}$ (4) Sahil by $\frac{1}{35}$ (5) $8\frac{1}{2}m$

(6) (a) $5\frac{5}{14}$ (b) $\frac{1}{3}$ (c) 51 (d) 168

(7) (a) 68 (b) 52 (c) 6 (d) $28\frac{3}{4}$ (e) $29\frac{3}{5}$

(8) $15\frac{3}{4}Km$ (9) $\frac{3}{5}$ of $\frac{3}{4}$ (10) $\frac{8}{29}$ (11) SR 6

(12) (a) 30 (b) $4\frac{4}{11}$ (c) $2\frac{2}{11}$ (d) $\frac{1}{10}$ (e) $\frac{3}{4}$

(f) 12 (13) 3.50

(14) 4.9cm, 0.049m, 0.000049km

(15) 39.9 Km (16) (a) 7.005 Kg (b) 7.492 Kg (c) 0.315 Kg

(17) (a) Re 0.09 (b) Rs 8.03 (c) Rs 7.25

(18) (a) $3 \times 100 + 0 \times 10 + 0 \times 1 + 0 \times \frac{1}{10} + 5 \times \frac{1}{100}$
 (b) $2 \times 1 + 1 \times \frac{1}{10} + 0 \times \frac{1}{100} + 5 \times \frac{1}{1000}$
 (c) $3 \times 10 + 0 \times 1 + 3 \times \frac{1}{10} + 9 \times \frac{1}{100}$

(19) (a) $\frac{5}{100}$ (b) 5 (c) $\frac{5}{1000}$ (d) $\frac{5}{100}$ (e) $\frac{5}{10000}$

(20) Saila, 0.527 Kg (21) 16.5cm (22) (a) 1033.09
 (b) 8900 (c) 0.004 (d) 2 (e) 699.99 (f) 4.5625

(23) 89 Km (24) 380.25 Km (25) (a) 4.811
 (b) 0.008397 (c) 84 (d) 210 (e) 5 (f) 273.9
 (g) 1.2397 (26) 9.85 (27) 5