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(Affiliated to CBSE up to +2 Level)

Class: VII

Subject: Mathematics (Based on NCERT) Date: 09/07/2020

Do your self

5. Three parcels weigh $5\frac{2}{7}$ kg, 4 kg and $5\frac{4}{5}$ kg respectively. How much is the total weight short of 20 kg?
6. In a school, $\frac{4}{5}$ th of the children are boys and the number of girls is 100. Find the number of boys.
7. $\frac{4}{7}$ th of a pole is in the mud. When $\frac{1}{3}$ rd of it is pulled out, a 5 metre long piece of the pole is still in the mud. What is the full length of the pole?
8. Multiply:
- | | | |
|-------------------------|-------------------------|--------------------------|
| (a) 47.693×738 | (b) 27.405×819 | (c) 0.00047×100 |
| (d) 48.04×1000 | (e) 47.05×12.9 | (f) 8.943×7.65 |
9. Divide:
- | | | |
|-------------------|---------------------|----------------------|
| (a) 84.175 by 325 | (b) 0.035483 by 259 | (c) 0.27 by 100 |
| (d) 5.9 by 1000 | (e) 7.1501 by 1.27 | (f) 1446.426 by 32.1 |
10. Tick the correct answer:
- (i) $0.054 \times 100 = ?$
- | | | | |
|----------|-----------|---------|----------|
| (a) 5400 | (b) .0054 | (c) 5.4 | (d) 0.54 |
|----------|-----------|---------|----------|
- (ii) $85.7 \times ? = 23.996$
- | | | | |
|----------|---------|--------|-----------|
| (a) 0.28 | (b) 2.8 | (c) 28 | (d) 0.028 |
|----------|---------|--------|-----------|
- (iii) $573.33 \div 65.9 = ?$
- | | | | |
|---------|-----------|--------|----------|
| (a) 8.7 | (b) 0.087 | (c) 87 | (d) 0.87 |
|---------|-----------|--------|----------|
11. If the weight of a box containing some goods is 649.75 kg, find the total weight of 72 such boxes.
12. For covering a distance of 280 km by car, Manjeet consumed 28 litres of petrol. How much petrol will he need to cover a distance of 105 km by the same car?
13. A jug can contain 1 litre 800 mL of water. How many glasses of 200 mL can be filled from this jug?
14. A water tank holds 2567 litres water. 378 litres 240 mL of water flows out. How much water is left in the tank? Give your answer in terms of litres.
15. A roll of cloth has 25 m cloth. 4 curtains, each 3 m 65 cm long, are cut off from the roll. Find the length of the cloth left behind.