REVIEW TEST – Dividing and Multiplying Fractions

(Total: 50 Marks, Each Question: 5 Marks)

* A cake recipe uses 2/3 cup of sugar. If you have 3 cups of sugar, how many cakes can you make?
* A recipe requires 3/4 cup of sugar. If Maya wants to make 1/3 of the recipe, how much sugar should she use?
* Sarah has 2/3 of a pizza. If she wants to divide it equally among 4 friends, what fraction of the whole pizza will each friend receive?
* Maria has 3/4​ of a cup of sugar. Each batch of cookies requires 1/8​ of a cup. How many batches of cookies can she make?
* A container holds 7/8​ of a gallon of juice. If each bottle holds 1/4 of a gallon, how many bottles can be filled?
* Maria needs to take 1/3 cup of medicine 4 times a day. How much medicine does she take in total each day?
* A water tank holds 24 gallons when full. If it is currently 3/5 full and you use 2/3 of the water in the tank, how many gallons of water will remain?
* Calculate: (2/3 × 3/4) ÷ (1/2 × 1/8)
* Calculate: 3/8 × 2/5
* Calculate: (3/5 ÷ 3/10) × (7/8 ÷ 7/4) =?

COMMENTS: She knows the concept but gets confused while solving it. I think she needs more practice with the concept as its very important.

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| QUESTION – 1 | 4 |
| QUESTION – 2 | 2 |
| QUESTION – 3 | 5 |
| QUESTION – 4 | 3.5 |
| QUESTION – 5 | 5 |
| QUESTION – 6 | 4 |
| QUESTION – 7 | 5 |
| QUESTION - 8 | 3 |
| QUESTION - 9 | 0 |
| QUESTION - 10 | 4.5 |
| TOTAL | **35** |