

Unit 3: Multiplying and Dividing Fractions

CONCEPT · SET 2

Name: _____ Date: _____

Solve each problem. Show your answer as a whole number or a fraction in simplest form.

1. Mai has $\frac{1}{2}$ of a sticker sheet. She gives her cousin $\frac{1}{3}$ of that half. What fraction of a WHOLE sheet does the cousin get?

Answer: _____

2. A watering can holds $\frac{2}{3}$ of a litre of water. Sam pours out $\frac{1}{4}$ of the water. How many litres does he pour out?

Answer: _____

3. A jump rope is $\frac{3}{5}$ of a metre long. Rani uses $\frac{1}{2}$ of the rope for a craft. How many metres does she use?

Answer: _____

4. A baker has 4 cups of batter. Each mini pancake uses $\frac{1}{3}$ cup. How many mini pancakes can she make?

Answer: _____

5. A roll of tape is 6 metres long. It is cut into pieces that are each $\frac{1}{2}$ metre long. How many pieces are there?

Answer: _____

6. Half a pizza is left. Four friends share that half equally. What fraction of the WHOLE pizza does each friend get?

Answer: _____

7. Dad pours $\frac{1}{3}$ of a bag of birdseed evenly into 5 feeders. What fraction of the bag goes into one feeder?

Answer: _____

8. There are 5 litres of paint. Painting one birdhouse uses $\frac{1}{4}$ of a litre. How many birdhouses can be painted?

Answer: _____

9. A $\frac{1}{4}$ kilogram lump of clay is split equally among 3 students. How many kilograms of clay does each student get?

Answer: _____

10. A jar is $\frac{4}{5}$ full of marbles. Of those marbles, $\frac{3}{4}$ are blue. What fraction of a FULL jar is blue marbles?

Answer: _____

11. A tank is $\frac{5}{6}$ full of water. A pump moves out $\frac{2}{3}$ of that water. What fraction of the full tank was moved out?

Answer: _____

12. A song lasts 2 minutes. One dance move takes $\frac{1}{8}$ of a minute. How many dance moves fit in the song?

Answer: _____