Word Problems: Multiply & Divide

Level: Challenge | 8 word problems

Name: _____ Date: _____

Remember: "Of" usually means multiply. "How many fit?" usually means divide.

Write a number sentence, solve it, and simplify your answer.

1) A recipe needs 3/4 cup of flour. Maya makes only 1/2 of the recipe. How much flour does she need?

Answer: _____

2) A garden is 2/3 of an acre. Beans grow on 1/4 of the garden. What part of an acre has beans?

Answer: _____

3) A hiking trail is 12 miles long. Kai has hiked 2/3 of it. How many miles has Kai hiked?

Answer: _____

4) A ribbon is 3/4 meter long. It is cut into pieces that are each 1/8 meter long. How many pieces are there?

Answer: _____

5) Tom has 1/2 of a pizza left. He shares it equally among 3 friends. What fraction of the whole pizza does each friend get?

Answer: _____

6) Each bag holds 2/5 kilogram of rice. How many kilograms of rice are in 5 bags?

Answer: _____

7) A jug holds 6 cups of juice. Each glass holds 3/4 cup. How many glasses can be filled?

Answer: _____

8) A recipe needs 2/3 cup of milk. Rosa makes 3 times the recipe. How much milk does she need?

Answer: _____

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Answer Key (for parents and teachers)

1)	1/2 × 3/4	**= 3/8**
2)	1/4 × 2/3	**= 1/6**
3)	2/3 × 12	**= 8**
4)	3/4 ÷ 1/8	**= 6**
5)	1/2 ÷ 3	**= 1/6**
6)	5 × 2/5	**= 2**
7)	6 ÷ 3/4	**= 8**
8)	3 × 2/3	**= 2**