

Multiplying & Dividing Fractions

Multiply and divide fractions in numerical and practical contexts, using visual or symbolic reasoning.

Student Name _____	Class / Section _____ —	Date _____ —	Worksheet MYP1-MATH -07
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MYP APPROACH

Understand • Apply • Reason • Reflect

A. MULTIPLY

1. $1/2 \times 3/4 =$ _____

2. $2/3 \times 3/5 =$ _____

3. $5/6 \times 2/7 =$ _____

4. $3 \times 4/5 =$ _____

B. DIVIDE

5. $1/2 \div 1/4 =$ _____

6. $3/4 \div 1/2 =$ _____

7. $2/3 \div 1/6 =$ _____

8. $5/6 \div 5/12 =$ _____

Multiplying & Dividing Fractions — continued

C. APPLY & REASON

9. You use $\frac{3}{4}$ of a 2 m ribbon. How many metres do you use?
10. A recipe needs $\frac{1}{2}$ cup per batch. How many batches can be made from 3 cups?
11. Explain why multiplying by a fraction less than 1 makes a positive quantity smaller.
12. Write a fraction division problem with an answer of 4 and solve it.

SELF-CHECK ☐ I showed working ☐ I checked my answer ☐ I can explain my strategy ☐ I used mathematical language