

Name _____

Date _____

Understanding Multiplication of Fractions

In this worksheet, we will practice the multiplication and division of fractions. We must note that in general, multiplication of fractions is given by a formula.

$$a/b \times c/d = ac/bd$$

For example, $1/3 \times 1/4 = 1/12$ Similarly, $2/5 \times 1/3 = 2/15$

Exercise Questions:

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

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

3. $4/5 \times 1/6 =$ _____

4. $4/5 \times 5/6 =$ _____

5. $1/4 \times 1/3 =$ _____

6. $3/5 \times 1/8 =$ _____

7. $2/11 \times 2/10 =$ _____

8. $4/13 \times 5/18 =$ _____

9. $19/11 \times 1/9 =$ _____

10. $6/7 \times 1/3 =$ _____



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Answer Key

1. $3/4 \times 1/3 = \underline{3/12}$

2. $5/7 \times 2/5 = \underline{10/35}$

3. $4/5 \times 1/6 = \underline{4/60}$

4. $4/5 \times 5/6 = \underline{20/60}$

5. $1/4 \times 1/3 = \underline{1/12}$

6. $3/5 \times 1/8 = \underline{3/40}$

7. $2/11 \times 2/10 = \underline{4/110}$

8. $4/13 \times 5/18 = \underline{20/234}$

9. $19/11 \times 1/9 = \underline{19/99}$

10. $6/7 \times 1/3 = \underline{6/21}$

