

MATH 6

**Multiplication and
Division of Decimal
Numbers**

Math 6 Multiplication and Division of Decimal Numbers:

Outcomes:

<ul style="list-style-type: none">• Solve problems that involve arithmetic operations on decimals to thousandths, using appropriate technology (2-digit whole number multipliers and dividers).
<ul style="list-style-type: none">• Use a variety of methods to solve problems with multiple solutions.

6.1.1.8 Demonstrate an understanding of multiplication and division of decimals (1-digit whole number multipliers and 1-digit natural number divisors).

○ **1A.) Complete Unit Pre- Assessment- Hand into Mr. Wessner**

Math 6 Outline:

Watch video

1.) Introduction to Multiplication of Decimals

https://www.khanacademy.org/math/arithmetic/decimals/multiplying_decimals/v/intro-to-multiplying-decimals

2.) Do IXL:

- Estimate products of decimal numbers (Grade 6 - I.6)

- Multiply a decimal by a one-digit whole number (Grade 6 - I.1)

3.) Watch videos

https://www.khanacademy.org/math/arithmetic/decimals/multiplying_decimals/v/more-intuition-on-multiplying-decimals

https://www.khanacademy.org/math/arithmetic/decimals/multiplying_decimals/v/multiplying-decimals

4.) Do IXL:

- Multiply a decimal by a multi-digit whole number (Grade 6 - I.2)
- Multiply decimals (Grade 6 - I.5)

5.) Watch Video

https://www.khanacademy.org/math/arithmetic/decimals/multiplying_decimals/v/multiplying-decimals-3

6.) Do IXL Multiplication Problem Solving

- Multiply decimals and whole numbers: word problems (Grade 6 - I.3)

7.) Read Lesson 9 Unit 1 Booklet on Multiplication of Decimals

8.) DO lesson 9 Unit 1 Booklet Multiplying Decimals _when complete mark answers from Answer Binder and hand in your booklet.

9.) ***Ask Mr.Wessner for the Unit 1 Lesson 9 QUIZ

10.) Do IXL

Multiply two decimals using grids (Grade 6 - I.4)

11.) Watch Videos on Dividing Decimals

https://www.khanacademy.org/math/arithmetic/decimals/dividing_decimals/v/dividing-completely-to-get-decimal-answer

https://www.khanacademy.org/math/arithmetic/decimals/dividing_decimals/v/dividing-completely-to-get-decimal-answer-example-2

https://www.khanacademy.org/math/arithmetic/decimals/dividing_decimals/v/dividing-a-decimal-by-a-whole-number

12.) Do IXL

- Divide decimals by whole numbers (Grade 6 - I.8)

13.) Watch Video

https://www.khanacademy.org/math/arithmetic/decimals/dividing_decimals/v/dividing-a-whole-number-by-a-decimal

14.) Do IXL

- Division with decimal quotients (Grade 6 - I.11)

15.) Read Unit 1 Lesson 10 Dividing Decimal Numbers

16.) Do Unit 1 Lesson 10

17.) ***Ask Mr. Wessner for the Lesson 10 Unit 1 Quiz

- 18.) Read Unit 1 Lesson 11 Multiplication and Division Problem solving.
- 19.) Do Booklet Unit 1 Lesson 11 Multiplication and Division Problem Solving
- 20.) Do IXL
- 21.) Divide decimals by whole numbers: word problems (Grade 6 - I.9)
- 22.) ***Ask Mr. Wessner for the Unit 1 Lesson 11 QUIZ
- 23.) ASK Mr. Wessner for the UNIT 1 Multiplication and Division Unit TEST