

Grade 5- Module 4

[Place Value Chart](#) - use for modeling problems

[Measurement Conversions Chart](#) - use as a resource

[Rounding Number Lines](#) - use as practice

Lesson	Synchronous Lesson	Independent Work	Learning Options (For Review if you need to go back over the Lesson)	Extra Practice (Login with Clever)
Topic A (Lesson 1 - NO QUIZ ON THIS TOPIC)				
Lesson 1: Measure and compare pencil lengths to nearest $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$ of an inch, and analyze the data through line plots.	<u>Problem Sets</u>	L1 <u>Homework Sets</u>	<u>Mr. Randall's Lesson</u> <u>Embarc Video for HW Sets</u> <u>Problem Set Video</u>	Zearn Video Khan Academy (Login with <u>Clever</u>)
Topic B (Lessons 2-5) Quiz after lesson 5				
Lesson 2: Interpret a fraction as division.	<u>Problem Sets</u>	L2 <u>Homework Sets</u>	<u>Mr. Randall's Lesson</u> <u>Embarc Video for HW Sets</u> <u>Problem Set Video</u>	Zearn Video Khan Academy (Login with <u>Clever</u>)
Lesson 3: Interpret a fraction as division.	<u>Problem Sets</u>	L3 <u>Homework Sets</u>	<u>Mr. Randall's Lesson</u> <u>Embarc Video for HW Sets</u> <u>Problem Set Video</u>	Zearn Video Khan Academy (Login with <u>Clever</u>)
Lesson 4: Use tape diagrams to model fractions as division.	<u>Problem Sets</u>	L4 <u>Homework Sets</u>	<u>Mr. Randall's Lesson</u> <u>Embarc Video for HW Sets</u> <u>Problem Set Video</u>	Zearn Video Khan Academy (Login with <u>Clever</u>)
Lesson 5: Solve word problems involving the division of whole numbers with answers in the form of fractions or whole numbers.	<u>Problem Sets</u>	L5 <u>Homework Sets</u>	<u>Mr. Randall's Lesson</u> <u>Embarc Video for HW Sets</u> <u>Problem Set Video</u>	Zearn Video Khan Academy (Login with <u>Clever</u>)

Topic C (Lessons 6-9) Quiz after lesson 9

Lesson 6: Relate fractions as division to fraction of a set.	Problem Sets	L6 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 7: Multiply any whole number by a fraction using tape diagrams.	Problem Sets	L7 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 8: Relate a fraction of a set to the repeated addition interpretation of fraction multiplication.	Problem Sets	L8 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 9: Find a fraction of a measurement, and solve word problems.	Problem Sets	L9 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)

Topic D (Lessons 10-12) Quiz after lesson 11

Lesson 10: Compare and evaluate expressions with parentheses.	Problem Sets	L10 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 11: SKIP Solve and create fraction word problems involving addition, subtraction, and multiplication.	Problem Sets	L11 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 12: Solve and create fraction word problems involving addition, subtraction, and multiplication.	Problem Sets	L12 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets	Zearn Video Khan Academy (Login with Clever)

Mid Module

Topic E (Lessons 13–20) Quiz after lesson 20

Lesson 13: Multiply unit fractions by unit fractions.	Problem Sets	L13 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 14: Multiply unit fractions by non-unit fractions.	Problem Sets	L14 Homework Sets	Mr. Randall's Lesson Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 15: Multiply non-unit fractions by non-unit fractions.	Problem Sets	L15 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 16: Solve word problems using tape diagrams and fraction-by-fraction multiplication.	Problem Sets	L16 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 17: Relate decimal and fraction multiplication.	Problem Sets	L17 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 18: Relate decimal and fraction multiplication.	Problem Sets	L18 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 19: Convert measures involving whole numbers, and solve multi-step word problems.	Problem Sets	L19 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 20: Convert mixed unit measurements, and solve multi-step word problems.	Problem Sets	L20 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)

Topic F (Lessons 21-24) NO QUIZ ON THIS TOPIC - keep going

<u>Lesson 21:</u> Explain the size of the product, and relate fraction and decimal equivalence to multiplying a fraction by 1.	Problem Sets	L21 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
SKIP <u>Lesson 22:</u> Compare the size of the product to the size of the factors.	Problem Sets	L22 Homework Sets	Lesson Video Embarc Video for HW Sets	Zearn Video Khan Academy (Login with Clever)
SKIP <u>Lesson 23:</u> Compare the size of the product to the size of the factors.	Problem Sets	L23 Homework Sets	Lesson Video Embarc Video for HW Sets	Zearn Video Khan Academy (Login with Clever)
<u>Lesson 24:</u> Solve word problems using fraction and decimal multiplication	Problem Sets	L24 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)

Topic G (Lessons 25-31) Quiz after lesson 31

<u>Lesson 25:</u> Divide a whole number by a unit fraction.	Problem Sets	L25 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever) Khan Academy (Login with Clever)
<u>Lesson 26:</u> Divide a unit fraction by a whole number.	Problem Sets	L26 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
<u>Lesson 27:</u> Solve problems involving fraction division.	Problem Sets	L27 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
SKIP <u>Lesson 28:</u> Write equations and word	Problem Sets	L28 Homework Sets	Lesson Video Embarc Video for HW Sets	Zearn Video Khan Academy

problems corresponding to tape and number line diagrams.				(Login with Clever)
Lesson 29: Connect division by a unit fraction to division by 1 tenth and 1 hundredth.	Problem Sets	L29 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 30: Divide decimal dividends by non-unit decimal divisors.	Problem Sets	L30 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Lesson 31: Divide decimal dividends by non-unit decimal divisors.	Problem Sets	L31 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
Topic H (Lessons 32–33) NO QUIZ ON THIS TOPIC				
Lesson 32: Interpret and evaluate numerical expressions including the language of scaling and fraction division.	Problem Sets	L32 Homework Sets	Lesson Video Embarc Video for HW Sets Problem Set Video	Zearn Video Khan Academy (Login with Clever)
SKIP Lesson 33: Create story contexts for numerical expressions and tape diagrams, and solve word problems.	Problem Sets	L33 Homework Sets	Lesson Video Embarc Video for HW Sets	Zearn Video Khan Academy (Login with Clever)
End of Module 4 Assessment				