Grade 3 Unit 7 Bridges Preparation List
Module 1-4
Extending Multiplication & Fractions

Unit 7 Module 1:
Multiplication Beyond the Basics

Unit 7 Module 1 Session 1 Unit 7 Pre-Assessment Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Assessment Unit 7 Pre-Assessment		
TM T1–T4 Unit 7 Pre-Assessment	• base ten area and linear pieces	• scratch paper (class set) • rulers, class set • colored pencils for student use • 9" × 12" construction paper, red and tan (see Preparation) • scissors for student use
Work Places in Use		
5C Line 'Em Up (introduced in Unit 5, Module 3, Session 3) **5D** Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5)		
Daily Practice		
SB 221 Skills Review: Area, Multiplication & Fractions		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

divide*
equation*
estimate*
fraction*
multiply*
number line*
represent
unknown

• Cut a 9" × 12" piece of red construction paper into 3/4" × 6" strips. Cut 2 or more sheets of 9" × 12" tan or light brown construction paper into 3" × 3" squares. Place a small handful of the strips and squares in a basket or other container for each table or cluster of desks.

• Write the list of Work Places from which students can choose today. You can just write the numbers (5C–6D) or write out the full names if you prefer. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

• Note that you will need to score the Unit 7 Pre-Assessment before Session 4. (See the Grade 3 Assessment Guide for scoring and intervention suggestions.) If

you cannot mark the Unit 7 Pre-Assessment by Session 4, make room for reflection time during another session in this module.

Module 1 Unit 7 Module 1 Session 2 Session 2 Multiplication Stories & Equations Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Problems & Investigations Multiplication Stories & Equations		
TM T5 Stickers & Beads **SB 222–223*** More Stickers & Beads		• piece of copy paper to mask portions of the teacher master • student math journals
Work Places in Use		
5C Line 'Em Up (introduced in Unit 5, Module 3, Session 3) **5D** Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5)		
Home Connection		
HC 121–122 Operations & Equations		
Daily Practice		
SB 224 Family Math Night		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of these pages for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

equation*
estimate*
multiply*
two-step story problem
unknown quantity

• Write the list of Work Places from which students can choose today. You can just write the numbers (5C-6D) or write out the full names if you prefer. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

Module 1 Session 3 Multiplying by Eleven Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Problems & Investigations Multiplying by Eleven		
TM T6 Two-Step Warm-Ups **SB 225*** Multiplying by Eleven	• base ten area pieces (1 set for each student pair, and 1 set for display)	• piece of copy paper and 1–2 sticky notes to mask portions of the teacher master • student math journals
Work Places in Use		
5C Line 'Em Up (introduced in Unit 5, Module 3, Session 3) **5D** Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5)		
Daily Practice		
SB 226 Multiplication, Division & Perimeter Practice		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of this page for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

equation*
multiply*
two-step story problem
unknown quantity

• Write the list of Work Places from which students can choose today. You can just write the numbers (5C-6D) or write out the full names if you prefer. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

Module 1 Session 4 Multiplying by Twelve Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Assessment Reflecting on the Unit 7 Pre-Assessment		
TM T7 Unit 7 Pre-Assessment Student Reflection Sheet		• Scored Unit 7 Pre-Assessment (TM T1–T4, completed in Session 1)
Problems & Investigations Multiplying by Twelve		
SB 227* Multiplying by Twelve	• base ten area pieces (1 set for each student pair, and 1 set for display)	• Two-Step Warm-Ups page, partially filled in from the previous session • piece of copy paper to mask portions of the teacher master • student math journals
Home Connection		
HC 123–125 Multiplying by Elevens & Twelves		
Daily Practice		
SB 228 Meet the Elevens & Twelves Families		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of this page for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

equation*
multiply*
two-step story problem
unknown quantity

Module 1 Session 5 Multiplying Single Digits by Multiples of Ten Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Problems & Investigations Multiplying Single Digits by Multiples of Ten		
SB 229* Explore Six **SB 230*** Explore More		• a red and a blue fine-tipped marker • red and blue colored pencils for each student • Two-Step Warm-Ups page, partially filled in from the previous session • piece of copy paper to mask portions of the teacher master • student math journals
Work Places in Use		
5C Line 'Em Up (introduced in Unit 5, Module 3, Session 3) **5D** Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5)		
Daily Practice		
SB 231 Multiplying by Multiples of Ten		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of each page for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

digit
equation*
multiple*
multiply*
pattern*
two-step story problem
unknown quantity
value

• Write the list of Work Places from which students can choose today. You can just write the numbers (5C-6D) or write out the full names if you prefer. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

*Unit 7 Module 2:
One-by-Two-Digit Multiplication

Unit 7 Module 2 Session 1 Building Arrays for One-by-TwoDigit Multiplication Problems Preparation:

Materials

Pages	Kit Materials	Classroom Materials
Problem String Partial Products		
		• student math journals
Problems & Investigations Story Problems & Arrays		
TM T1 Story Problems for One-by-Two-Digit Multiplication	• base ten area and linear pieces, 1 set per student pair, and 1 set for display	• piece of copy paper to mask portions of the teacher master
Daily Practice		
SB 232 Sandwiches, Pizza & Books		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

array*
estimate*
multiply*

Module 2 Session 2 Sketching Arrays for One-byTwo-Digit Multiplication Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Assessment Multiplication & Division Checkpoint		
TM T2 Multiplication & Division Checkpoint	• colored tiles • base ten area and linear pieces	
Problems & Investigations Sketching Arrays for One-by-Two-Digit Multiplication		
TM T3 Base Ten Grid Paper	• base ten area and linear pieces, 1 set per student, and 1 set for display	• Story Problems for One-by-Two-Digit Multiplication (TM T1 from the previous session) • red, black, and blue markers or colored pencils for teacher and student use
Home Connection		
HC 127–128 Multiplication, Division & Perimeter Practice		
Daily Practice		
SB 233 Multiplication Practice		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

array*
estimate*
multiply*

Module 2 Session 3 Mystery Arrays Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Problem String More Partial Products		
		• student math journals
Problems & Investigations Mystery Arrays		
TM T3 Base Ten Grid Paper **TM T4** Small Base Ten Grids	• base ten area and linear pieces, 1 set per student pair, and 1 set for display	• red, black, and blue markers or colored pencils for teacher and student use
Daily Practice		
SB 234 Working with Equations		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

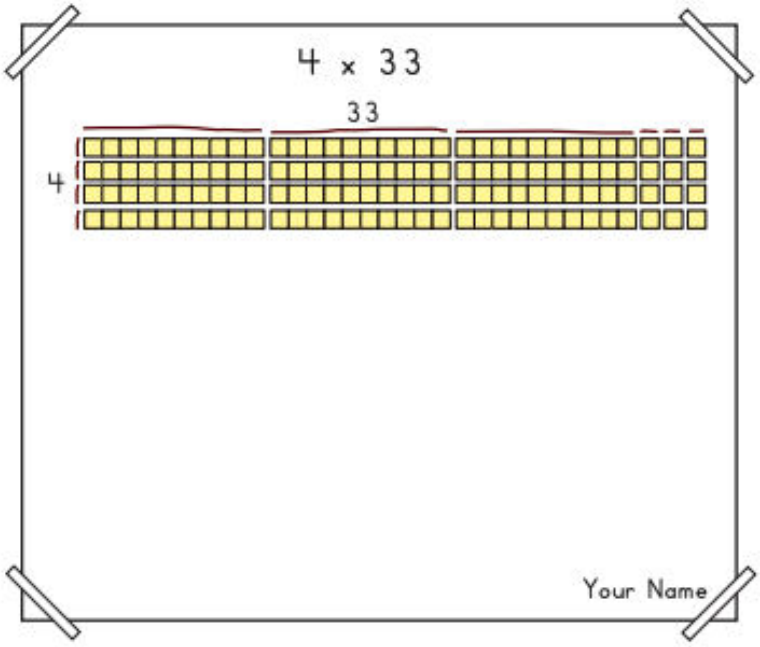
Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

array*
dimension*
estimate*
factor*
multiply*
partial products
product*

•Note that you will need to run one and a half-class sets of the Base Ten Grid Paper, plus a couple of copies of the sheet for display.
•You will need a whole class set of the grid paper run double-sided for students to use in the warm-up phase of today's main activity.
•Each pair of students will then need a single-sided copy of the grid paper to use in creating their mystery array for classmates.

Before Session 4, cut out 12 paper ten-strips and 12 units from two copies of the Strips & Units Teacher Master (T6). Glue the paper strips and units onto a sheet of 24" × 30" chart paper, and label them to create a poster like the one shown here:



• Before Session 4, get a half-class set of 24" × 3" pieces of chart paper. Pre-assign partners for the poster project, based on students' comfort level with 1-by-2 digit multiplication, as well as the types of organization and fine-motor skills that go into making effective posters.
• Choose one of the combinations from the set below for each of your student pairs, and record it in pencil on one of the sheets of chart paper, along with their first names or initials.

- Easier: 3 × 12, 3 × 15, 4 × 12, 4 × 15, 5 × 15, 5 × 20
- Middle level: 6 × 13, 6 × 14, 7 × 12, 7 × 15, 6 × 21, 6 × 23, 8 × 21, 8 × 23
- Challenge: 7 × 26, 7 × 29, 8 × 23, 8 × 26, 8 × 32

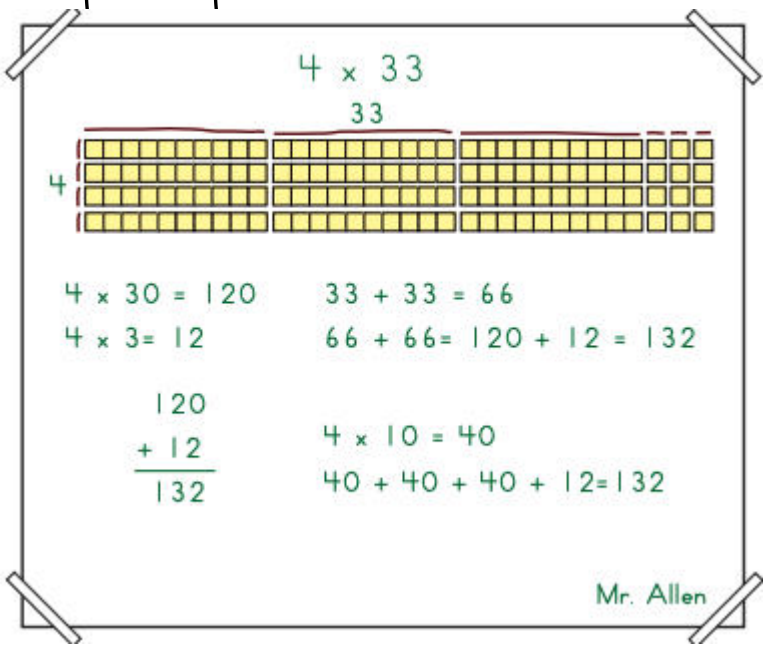
Module 2 Session 4 Making Posters for One-by-Two Arrays Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Problems & Investigations Making Posters for One-by-Two Arrays		
TM T5 Poster Directions **TM T6** Strips & Units	• base ten area & linear pieces, half-class set	• 24" × 30" pieces of chart paper (half-class set plus 1 extra, see Preparation) • glue sticks (class set) • scissors (class set) • red, black, and blue markers or colored pencils (class set)
Home Connection		
HC 129–130 More Multiplication Review		
Daily Practice		
SB 235 Multiplication Review		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Example of a poster the students will make.



Module 2 Session 5 Sharing Multiplication Posters Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Problems & Investigations Sharing Multiplication Posters		
	• Word Resource Card for *associative property of multiplication*	• Poster Directions (TM T5 from Session 4) • multiplication poster from the previous session • students' multiplication posters from the previous session • student math journals
Work Places in Use		
5C Line 'Em Up (introduced in Unit 5, Module 3, Session 3) **5D** Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5)		
Daily Practice		
SB 236 Multiplication Equations		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

array*
associative property of multiplication*
equation*
expression*
factor*
multiply*
parentheses*
product*

• Think about how you want to have student pairs share their posters with classmates. In particular, do you want to pre-assign groups of four, or let the student pairs partner themselves with other student pairs?

• Write the list of Work Places from which students can choose today. You can just write the numbers (5C-6D) or write out the full names if you prefer. (See

the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

*Unit 7 Module 3 Fractions as Parts of a Whole & Parts of a Set

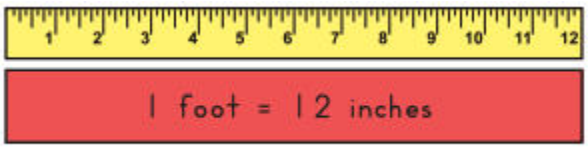
Module 3 Session 1 Fractions on a Ruler Preparation:

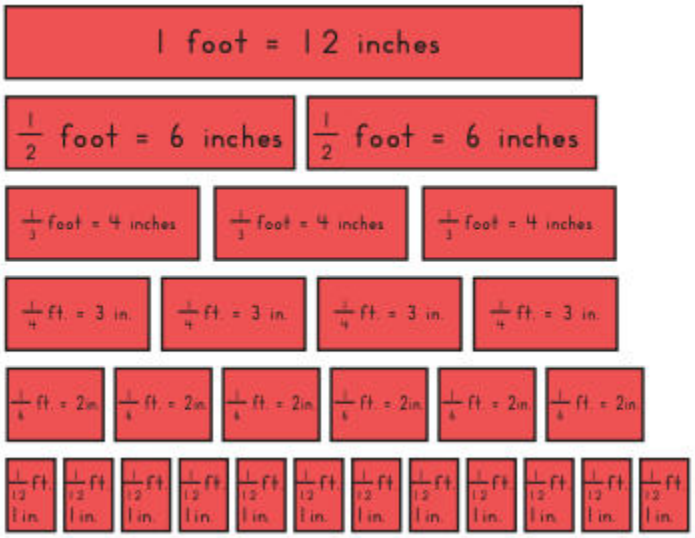
Materials

Pages	Kit Materials	Classroom Materials
Problem String The Associative Property		
		• student math journals
Problems & Investigations Fractions on a Ruler		
		• student math journals • construction paper (see Preparation) • rulers marked in inches, half-class set • markers • piece of chart paper • scissors, class set • glue sticks, class set
Home Connection		
HC 131–132 Hours to Minutes		
Daily Practice		
SB 237 Sixty Seconds in a Minute		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

• Cut a single color of red construction paper into 1" × 12" strips. You'll need 6 strips for each pair of students, plus a couple dozen or more extra.





Module 3 Session 2 Introduction to Egg Carton Fractions Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Problems & Investigations Introduction to Egg Carton Fractions		
TM T1 Egg Carton Diagram (optional, see Note) **TM T2** Egg Carton Fractions **SB 238** Building & Sketching Unit Fractions	• colored tiles, 12 per student • adding machine tape (see Preparation) • 1 measuring tape • Word Resource C ards for *denominator* and *numerator*	• class set of 12-egg cartons (see Note) • rug yarn (see Preparation) • student math journals • chart paper, 1 sheet • markers • 3" × 3" sticky notes • a ruler • 2 small whiteboard magnets, push pins, or masking tape
Daily Practice		
SB 239 Modeling Egg Carton Fractions		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

denominator*
dozen
equal*
feet
fourth
fraction*
half*
numerator*
partition*
sixth
third
twelfth
unit fraction*

• Measure and cut a strip of adding machine tape that's exactly 12'. Pin it by one end to a bulletin board where you can get to it easily. Early in the session, you will work with students to fold the strip into twelfths. You will then need space to post the strip horizontally, ideally along a whiteboard, about a foot above the chalk ledge. If your whiteboard isn't long enough, then you'll need to pin it or tape it to a bulletin board or wall at a height the students can reach. This strip, along with the labels you'll add, will need to remain on display over the next few sessions.

• Cut six 14" lengths of rug yarn for each student. When measuring and cutting the lengths of yarn, be sure they don't get stretched or they will be too short. Plan to save the yarn lengths for use in future years.

• Egg Cartons:

Each student will need an egg carton for activities starting in this session and continuing through the rest of Module 3. If you aren't able to get egg cartons, you can run copies of the Egg Carton Diagram Teacher Master, 1 per student, instead. We have written the activities as if the students will have actual egg cartons, however.

Module 3 Session 3 Exploring Egg Carton Fractions Preparation:

Materials

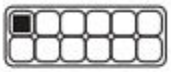
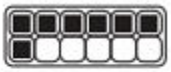
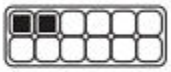
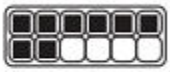
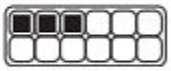
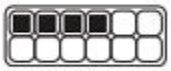
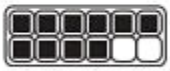
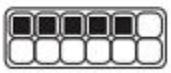
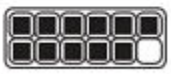
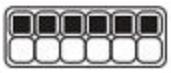
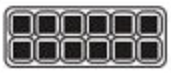
Pages	Kit Materials	Classroom Materials
Problems & Investigations Exploring Egg Carton Fractions		
TM T2 Egg Carton Fractions **SB 240–241** Egg Carton Fractions	• 12 tiles per student • Word Resource Cards for *denominator* and *numerator*	• folded and labeled paper strip from the previous session • students' egg cartons and lengths of rug yarn from the previous session • colored pencils for student use
Home Connection		
HC 133–134 Telling Time to the Minute		
Daily Practice		
SB 242 Fraction Fill & Compare		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

denominator*
dozen
equal*
feet
fourth
fraction*
half*
numerator*
partition*
sixth
third
twelfth

Egg Carton Fractions											
Models	Fractions					Models	Fractions				
	1/12						7/12				
	2/12	1/6					8/12	4/6		2/3	
	3/12		1/4				9/12		3/4		
	4/12	2/6		1/3			10/12	5/6			
	5/12						11/12				
	6/12	3/6	2/4		1/2		12/12	6/6	4/4	3/3	2/2

Module 3 Session 4 Equivalent Egg Carton Fractions Preparation:

Materials

Pages	Kit Materials	Classroom Materials
Problems & Investigations Equivalent Egg Carton Fractions		
TM T2 Egg Carton Fractions **SB 240–241** Egg Carton Fractions	• 12 tiles per student • Word Resource Cards for *denominator* and *numerator*	• folded and labeled paper strip from the previous session • students' egg cartons and lengths of rug yarn from the previous session • pointer or yardstick
Work Places in Use		
5C Line 'Em Up (introduced in Unit 5, Module 3, Session 3) **5D** Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5)		
Daily Practice		
SB 243 Fraction Fiction		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

denominator*
dozen
equal*
equivalent fractions*
foot (ft.)*
fourth
fraction*
half*
numerator*
partition*
sixth
third
twelfth

• Write the list of Work Places from which students can choose today. You can just write the numbers (5C-6D) or write out the full names if you prefer. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

Module 3 Session 5 Dozens of Eggs Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Work Places Introducing Work Place 7A Dozens of Eggs		
TM T3 Work Place Guide 7A Dozens of Eggs **TM T4** 7A Dozens of Eggs Record Sheet **SB 244*** Introducing Dozens of Eggs **SB 245–246**** Work Place Instructions 7A Dozens of Eggs	• Dozens of Eggs Cards (1 deck) • 12 colored tiles • 6 base ten linear pieces • game markers	• colored pencils in several different colors (class set)
Work Places in Use		
5D Division Capture (introduced in Unit 5, Module 3, Session 4) **6A** Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5) **7A** Dozens of Eggs (introduced in this session)		
Home Connection		
HC 135–136 Division & Fractions		
Daily Practice		
SB 247 Fraction Review		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of this page for display.*
*** Run 1 copy of these pages to be kept in a clear plastic sleeve in the Work Place bin.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

addition
denominator*
equation*
fraction*
twelfth

• In today's session, you'll introduce Work Place 7A Dozens of Eggs, which takes the place of work Place 5C Line 'Em Up. Before this session, you should review the Work Place Guide, as well as the Work Place Instructions. Make copies of the 7A Dozens of Eggs Record Sheet and store them in the Work Place 7A Dozens of Eggs bin, along with any materials needed for the game.

• Write the list of Work Places from which students can choose today. You can just write the numbers (5D - 7A) or write out the full names if you have time. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

*Unit 7 Module 4 Fractions at Work

Module 4 Session 1 Racing Fractions Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Problems & Investigations Making the Game Boards		
TM T1 Racing Fractions Game Board		• rulers, class set
Work Places Introducing Work Place 7B Racing Fractions		
TM T2 Units 7 & 8 Work Place Log (see Preparation) **TM T3** Work Place Guide 7B Racing Fractions **TM T4** 7B Fraction Frames, optional for support suggestion **SB 248–249*** Work Place Instructions 7B Racing Fractions	• Number Cards, 1 deck per student pair and 1 deck for display	• students' Work Place folders (see Preparation)
Work Places in Use		
6A Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5) **7A** Dozens of Eggs (introduced in Unit 7, Module 3, Session 5) **7B** Racing Fractions (introduced in this session)		
Daily Practice		
SB 250 Garden Patch Problems		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.
** Run 1 copy of these pages to be kept in a clear plastic sleeve in the Work Place bin.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

eighth
equivalent fraction*
fourth
fraction*
half*
partition*
sixth
third
whole

• Remove the Unit 5 Work Place Log Teacher Master from the front of each student's Work Place folder, and replace it with a copy of the Units 7 & 8 Work Place Log Teacher Master, stapled at all four corners. Leave the Unit 6 Work Place Log stapled to the back of each folder. This will allow students to keep track of the number of times they have visited the Unit 6 Work Places that will remain in use during Units 7 and 8, and also track their progress through the new Work Places as they're introduced.

• In today's session, you'll introduce Work Place 7B Racing Fractions. Before this session, you should review the Work Place Guide, as well as the Work Place Instructions. There are no record sheets for this game. Students will make their own game boards and store them in their Work Place folders for use each time they play Racing Fractions. Gather the other materials listed on the Work Place Guide and place them in the Work Place bin.

• Write the list of Work Places from which students can choose today. You can just write the numbers (6A-7B) or write out the full names if you have time. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

Module 4 Session 2 Pizza Fractions Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Assessment Fractions Checkpoint		
TM T5 Fractions Checkpoint	• 12 colored tiles per student	• 1 egg carton per student • 6 lengths of yarn per student
Problems & Investigations Pizza Fractions		
TM T6 Paper Pizzas **SB 251*** Sharing Pizzas Record Sheet		• colored pencils for student use • scissors (class set) • glue sticks (class set) • rulers
Work Places in Use		
6A Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5) **7A** Dozens of Eggs (introduced in Unit 7, Module 3, Session 5) **7B** Racing Fractions (introduced in Unit 7, Module 4, Session 1)		
Daily Practice		
SB 252 Pizza Problems		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

** Run 1 copy of this page for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

divide*
equal*
equally
equivalent
evenly
fraction*
pattern*
share

• Write the list of Work Places from which students can choose today. You can just write the numbers (6A-7B) or write out the full names if you have time. (See the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

Module 4 Session 3 Surveys & Fractions Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Problems & Investigations Surveys & Fractions		
TM T7 Circle Graph **SB 253*** Student Survey **SB 254** Circle Graph Record Sheet		• colored pencils or crayons for student use • crayons or marking pens in 2 different colors • 12 sticky notes
Home Connection		
HC 137–138 Quadrilaterals & Fractions		
Daily Practice		
SB 255 Fraction Action		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of this page for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

category
circle graph
data*
fraction*
legend
sample group
subgroup
survey

Module 4 Session 4 Pull & Graph Preparation:

Materials

Teacher Masters	Kit Materials	Classroom Materials
Problems & Investigations Pull & Graph		
TM T8 Pull & Graph Class Results **SB 256*** Pull & Graph Record Sheet	• 8 green and 4 yellow colored tiles for each student pair	• paper lunch sacks, 1 for display and 1 for each student pair • green and yellow crayons or colored pencils for teacher and student use
Work Places in Use		
6A Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5) **7A** Dozens of Eggs (introduced in Unit 7, Module 3, Session 5) **7B** Racing Fractions (introduced in Unit 7, Module 4, Session 1)		
Home Connection		
HC 139–140 More True or False Challenges		
Daily Practice		
SB 257 Comparing Fractions on a Number Line		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master. ** Run 1 copy of this page for display.*

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

array*
circle graph
data*
equivalent
fraction*
graph
impossible*
likely*
line plot*
mode*
possible
probability*
sample/sampling
unlikely

• Write the list of Work Places from which students can choose today. You can just write the numbers (6A-7B) or write out the full names if you prefer. (See

the list in the Work Places in Use row of the Materials Chart for the complete list of Work Places used today.)

Module 4 Session 5 Unit 7 Post-Assessment Preparation:

Materials

Copies	Kit Materials	Classroom Materials
Assessment Unit 7 Post-Assessment		
TM T9–T12 Unit 7 Post-Assessment	• base ten area and linear pieces	• scratch paper (class set) • rulers, class set • colored pencils for student use • 9" × 12" construction paper in red and light brown (see Preparation) • scissors for student use
Work Places in Use		
6A Tangram Polygons (introduced in Unit 6, Module 1, Session 5) **6B** Geoboard Polygons (introduced Unit 6, Module 2, Session 2) **6C** Guess My Quadrilateral (introduced in Unit 6, Module 3, Session 2) **6D** Area or Perimeter (introduced in Unit 6, Module 3, Session 5) **7A** Dozens of Eggs (introduced in Unit 7, Module 3, Session 5) **7B** Racing Fractions (introduced in Unit 7, Module 4, Session 1)		
Daily Practice		
SB 258 Lemonade & Bracelets		

HC – Home Connection, **SB** – Student Book, **TM** – Teacher Master
Copy instructions are located at the top of each teacher master.

Vocabulary

An asterisk [*] identifies those terms for which Word Resource Cards are available.

equation*
estimate*
fraction*
multiply*
number line*
represent
unknown

• Cut a 9" × 12" piece of red construction paper into 3/4" × 6" strips. Cut 2 or more sheets of 9" × 12" light brown construction paper into 3" × 3" squares. Place a small handful of the strips and squares in a basket or other container for each table or cluster of desks.
• Look around the room and think about what you want to take down or cover before students take the post-assessment.
• Write a list of Work Places from which students can choose today. You can just write the numbers (6A–7B) or write out the full names if you prefer. (See the Work Places in Use row of the Materials Chart for the complete list of Work Places in use today.)