

Materials Needed for Lessons

Pretest Lesson

- Pretests (timed and untimed versions)
- Learning Contract
- Multiplication With Regrouping Progress Chart
- Student Folders

Lesson 1: Concrete Method

- Learning Sheet 1
- Place Value Mats
- Base-ten blocks*

Lesson 2: Concrete Method

- Learning Sheet 2
- Place Value Mats
- Base-ten blocks*

Lesson 3: Concrete Method

- Learning Sheet 3
- Place Value Mats
- Base-ten blocks*

Lesson 4: Concrete Method

- Learning Sheet 4
- Place Value Mats
- Base-ten blocks*

Lesson 5: Representational Method

- Learning Sheet 5

Lesson 6: Representational Method

- Learning Sheet 6

Lesson 7: Representational Method

- Learning Sheet 7

Lesson 8: Representational Method

- Learning Sheet 8

Lesson 9: RENAME Strategy

- Learning Sheet 9

Lesson 10: Abstract Method

- Learning Sheet 10

Lesson 11: Abstract Method

- Learning Sheet 11

Lesson 12: Abstract Method

- Learning Sheet 12
- Regrouping Rate A

Lesson 13: Abstract Method

- Learning Sheet 13
- Regrouping Rate B

Lesson 14: Abstract Method

- Learning Sheet 14
- Regrouping Rate C

Lesson 15: Abstract Method

- Learning Sheet 15
- Regrouping Rate A

Lessons 16-18: Maintenance

- Learning Sheets 16, 17, and 18
- Regrouping Rate A, B, and C

Posttest Lesson

- Posttest (untimed)
- Multiplication With Regrouping Progress Chart

***Please Note:** Base-ten blocks are needed to teach the concrete method of multiplication with regrouping (Lessons 1-4). Each student will need a kit of base-ten blocks.