

Math Message Lesson 7.1

Complete the Math Message problem at the top of journal page 209.

Math Message Lesson 7.2

On a half-sheet of paper, make name-collection boxes for 100; 1,000; and 1,000,000. Write three different names in each box. Use exponential notation at least once.

Math Message Lesson 7.3

Complete Problems 1–10 on page 214 in your journal. *Reminder:* Calculations with exponents are done before other factors are multiplied.

Math Message Lesson 7.4

Complete Problems 1 and 2 at the top of journal page 219.

Math Message Lesson 7.5

Solve the Math Message problems at the top of journal page 222.

Math Message Lesson 7.6

List two methods that can be used to organize collected data.

Math Message Lesson 7.7

Complete Problem 1 on journal page 229.

Math Message Lesson 7.8

Lightly shade the cash cards with a regular pencil and the debt cards with a red pencil. Cut out the cards.

Math Message Lesson 7.9

Use your $\boxed{+}$ and $\boxed{-}$ cash cards to help you complete page 237 in your journal.

Math Message Lesson 7.10

Solve Problems 1–3 at the top of page 242 in your journal.

Math Message Lesson 7.11

Complete Problem 1 on journal page 244.

Math Message Lesson 7.12

Complete the Self Assessment (*Assessment Handbook*, page 185).

Math Message Lesson 8.1

Complete Problems 1–4 at the top of journal page 248.

Math Message Lesson 8.2

Solve Problems 1–9 at the top of journal page 251.

Math Message Lesson 8.3

Solve Problems 1–3 at the top of journal page 254.

Math Message Lesson 8.4

Work with a partner. Take one copy of *Math Masters*, page 459. Cut out the cards. Put them in order from least to greatest. Which fraction is the greatest? Which is the least?

Math Message Lesson 8.5

Complete problems 1–11 on journal page 259.

Math Message Lesson 8.6

Complete problems 1–11 on journal page 259.

Math Message Lesson 8.7

Complete journal page 268.

Math Message Lesson 8.8

Complete journal page 272.

Math Message Lesson 8.9

It would cost \$150,000 to rent a large amusement park for a private party. Would you rather have this price reduced by \$35,000 or discounted 25%?

Math Message Lesson 8.10

Complete the problems on journal page 280.

Math Message Lesson 8.11

Answer Problems 1–5 on journal page 284.

Math Message Lesson 8.12

Solve Problems 1–4 on journal page 288.

Math Message Lesson 8.13

Complete the Self Assessment
(*Assessment Handbook*, page 190).

Math Message Lesson 9.1

Plot the following points on the small coordinate grid on journal page 292:

$(4, 0)$; $(0, 4)$; $(0, 0)$; $(5, 1\frac{1}{2})$; $(1.25, 4.75)$

Math Message Lesson 9.2

Complete Problem 1 on journal page 298.

Math Message Lesson 9.3

The Divers Club and the Rock Climbers Club compete against each other by drawing cards that tell the depths for dives and the heights for climbs. Which of the distances below are for the divers and which are for the climbers?

-175 ft

70 ft

-200 ft

3,600 ft

Math Message Lesson 9.4

Read page 188 of the *Student Reference Book*, and write two important facts about area.

Math Message Lesson 9.5

Work with your small group to read and complete journal page 308.

Math Message Lesson 9.6

Complete journal page 312.

Math Message Lesson 9.7

Complete Problem 1 on journal page 316.

Math Message Lesson 9.8

Write 2 questions that can be answered by reading *Student Reference Book*, page 195.

Math Message Lesson 9.9

Are all of the cube structures shown on Study Link 9.8 rectangular prisms? Be prepared to explain your answer.

Math Message Lesson 9.10

Which holds more, a 1-quart bottle or a 1-liter bottle? Be prepared to explain your answer.

Math Message Lesson 9.11

Complete the Self Assessment (*Assessment Handbook*, page 194).

Math Message Lesson 10.1

Answer the question at the top of page 333 in your journal.

Math Message Lesson 10.2

Answer Problems 1 and 2 on page 336 of your journal.

Math Message Lesson 10.3

Joe and Maria are 5th graders. Joe is 2 inches taller than Maria. Make a table of 4 possible heights for Joe and Maria.

Maria's Height	Joe's Height

Math Message Lesson 10.4

Complete the problem at the top of journal page 346.

Math Message Lesson 10.5

Read the top of journal page 350. Explain how a formula and a rule are similar.

Math Message Lesson 10.6

Solve Problem 1 on journal page 354.

Math Message Lesson 10.7

Solve Problems 1–4 on journal page 356.

Math Message Lesson 10.8

Solve Problems 1–4 on journal page 356.

Math Message Lesson 10.9

Solve Problems 1–4 on journal page 364.

Math Message Lesson 10.10

Complete the Self Assessment
(*Assessment Handbook*, page 199).

Math Message Lesson 11.1

Name an object that is shaped like a geometric solid.

Math Message Lesson 11.2

Complete journal page 372.

Math Message Lesson 11.3

Marble games are often played inside a circle whose diameter is 7 ft. What is the area of the playing surface? Write your solution as a number sentence.

Math Message Lesson 11.4

A rectangular prism and a cylinder each have exactly the same height and exactly the same volume. The base of the prism is an $8\text{ cm} \times 5\text{ cm}$ rectangle. What is the area of the base of the cylinder?

Math Message Lesson 11.5

Use a dictionary to find the meanings of displacement and calibrate.

Math Message Lesson 11.6

Complete the Math Message problem on journal page 386.

Math Message Lesson 11.7

If you were to wrap this box as a gift, how would you calculate the least amount of wrapping paper needed?

Math Message Lesson 11.8

Complete the Self Assessment (*Assessment Handbook*, page 205).

Math Message Lesson 12.1

Solve Problems 1 and 2 on journal page 393.

Math Message Lesson 12.2

Work with a partner. Read journal page 398 and solve the problems.

Math Message Lesson 12.3

Study the example on journal page 404. Then solve the Math Message problems.

Math Message Lesson 12.4

Tear out Activity Sheet 7 (Square Tiles) from the back of your journal. Cut out the 48 square tiles. Store them in an envelope.

Math Message Lesson 12.5

Model this problem using your tiles. Then write the solution as a fraction to express the ratio. Josie tosses a penny 32 times. It lands heads up 5 out of 8 times. How many times does the penny land heads up?

Math Message Lesson 12.6

Brainstorm with a partner. Make a list of everything that you know about your heart.

Math Message Lesson 12.7

Without looking in your journal or *Student Reference Book*, explain what a rate is and describe situations that involve rates. Be ready to share your answer.

Math Message Lesson 12.8

Complete journal page 423.

Math Message Lesson 12.9

Complete the Self Assessment (*Assessment Handbook*, page 210).