

Focus

Mathematics Skills

- finding area
- understanding factors and remainders
- identifying line segments
- understanding probability
- understanding ratio and proportion
- · rounding and estimating
- · sequencing numbers or shapes
- using logic
- solving equations
- estimating measurement
- identifying parallel and perpendicular lines
- recognizing equivalent measurements
- · recognizing equivalent fractions
- comparing and ordering whole numbers and decimals
- counting
- · understanding a coordinate grid
- identifying the best measurement unit
- finding perimeter
- recognizing alternate forms of a number

Test-taking Skills

- following printed directions
- referring to a graphic
- finding the answer without computing
- working methodically
- rereading a question

Samples A and B

Distribute scratch paper to the students.

Say Turn to Lesson 4a on page 32. Read the directions at the top of the page to yourself while I read them out loud.

Check to see that the students have found the right page. Read the directions out loud.

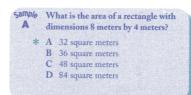
Say In this lesson you will answer mathematics questions. Find Sample A at the top of the page. Read the question and the answer

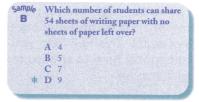


Mathematics Concepts and Problem Solving

Lesson 4a Mathematics Concepts

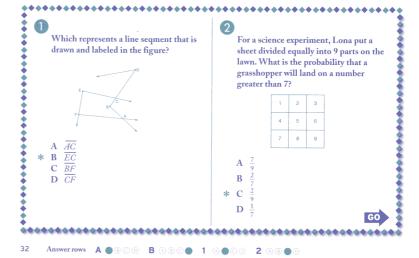
Directions: Read each problem. Then choose the answer you think is best. Mark the space for your answer.







If an item is difficult, read the problem, look at the answer choices, then read the problem again.



choices to yourself. Which answer is correct? (pause) The first answer, 32 square meters, is correct. Mark the space for answer A in the rows at the bottom of the page. Be sure that your answer space is completely filled in with a dark mark and that you have marked the correct answer space.

Check to see that the students have marked the correct space.

Say Do Sample B by yourself. Read the question and the answer choices. Which answer is correct? (pause) Answer D, 9, is correct. Mark the space for answer D in the rows at the bottom of the page. Be sure that your answer space is completely filled in with a dark mark and that you have marked the correct answer space.

Check to see that the students have marked the correct space. Demonstrate how to solve the sample items.



Say Now let's look at the tip.

Read the tip aloud to the students.

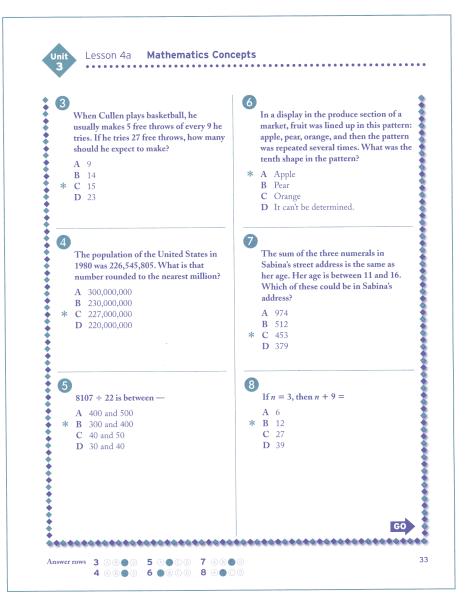
Say For many of the problems in this lesson, you can find the answer without computing. If an item seems difficult, try reading the item, looking at the answer choices, and reading the item again. This will help you understand how to choose the right answer.

Practice

Say Now you will do the Practice items in the same way we did the samples. Read each problem and the answer choices. Mark the space for the answer you think is correct in the rows at the bottom of the page. You may use the scratch paper I gave you to solve the problems. When you come to the GO sign at the bottom of a page, go on to the next page and continue working. Work until you come to the STOP sign at the bottom of page 35. Do you have any questions? You may begin.

Allow time for the students to fill in their answers. Walk around the room to be sure the students

understand what they are supposed to do. Do not allow the students to move on to the next lesson.





The length of a dollar bill would be

- A 1 inch
- * B 6 inches
 - C 1 foot D 6 feet



Carlos drew this map to show his friends where he lives. Which street is parallel to Main Street?

- A Park St.
- B North St.
- C Gravity St.
- * D Court St.



Which would be a possible remainder when a whole number less than 50 is divided by 6?

- * A 5

 - B 6 C 7



A watering can holds 8 pints of water. How many quarts is that?

- **B** 4
- **C** 16 **D** 32



Which fraction is equivalent to $\frac{12}{26}$?

- A В
- C
- * D



Four children measured their height. Their heights in meters were 1.21, 1.12, 1.19, and 1.08. What was the height of the tallest student?

- A 1.21 meters B 1.12 meters
 - C 1.19 meters
 - **D** 1.08 meters



Which vowel (a, e, i, o, u) occurs most frequently in the sentence below?

The basketball team studies for an hour before practice.

- A a **B** e
- C i D u

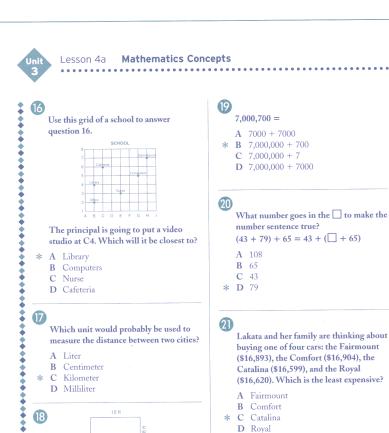
- 10 (8)

- 11 ② ① 13 B ● ① 15 ● ① ① 12 ● ① 14 ③ ②

Say It's time to stop. You have finished Lesson 4a.

Review the answers with the students. Ask volunteers to explain how they found the answer to each problem.

Have the students indicate completion of the lesson by entering their score for this activity on the progress chart at the beginning of the book. Provide the students whatever help is necessary to record their scores.



* A 54 ft

B 64 ft

C 66 ft

D 176 ft



Deepak drew this picture of his room.

What is the perimeter of the room?





35

Which number can be divided by 25 with

none left over?

A 95

B 135

C 150

D 165