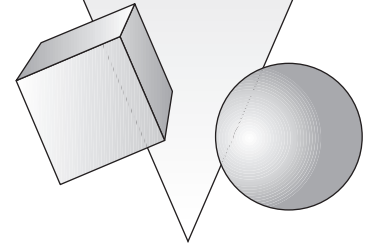


# Practice Tests



Each *Buckle Down California Mathematics* practice test has been developed to provide application opportunities and problem-solving practice for your students and to assess their need for special intervention. There are at least two options for using the practice test:

## Pretest

To determine which students need intensive content review, administer a test to all students. Or, if you have already identified a group of students who need intervention, administer a test to that group. Use the results of the test to focus practice sessions on the areas in which your students need the most review.

## Posttest

After students have worked through the *Buckle Down* workbook, use one of the practice tests as application practice or to identify areas for further intervention.

## Directions for Administration

Each *Buckle Down California Mathematics* practice test is designed to measure the skills represented by the California Mathematics Content Standards.

## Time Limits

Administer each test part on a different day. There is no time limit for each practice test. However, it is suggested that students are allowed at least 40 minutes to complete each part of the test. Those students who are not finished after 40 minutes may be allowed to keep working until they are finished.

## Test Administration

1. Make sure each student has two sharpened No. 2 pencils with erasers. You will distribute a ruler to each student before administering Part 3 of the test.
2. Distribute test booklets and scratch paper to students.
3. Have students write their names on the test booklets.
4. Follow the “Directions to Be Read to Students.”
5. At the end of the testing session, score the students’ tests. Answers begin on page 35 of this teacher’s guide.

Multiple-choice items should be answered by filling in the circle of the letter of the correct answer in the test booklet. Before marking an answer, students should read all answer choices.

Students whose Individual Education Plans (IEPs) specify modifications in the state test should be accommodated accordingly.

## Directions to Be Read to Students

At the beginning of the test period, say:

**Today you are going to take a mathematics test that will show you how much you have learned. Some of the questions will be easy for you and some will be harder. Don’t worry about the ones that seem hard—do the best you can and try to answer all the questions.**

**I am going to give each of you a test booklet. Place your test booklet on your desk and wait until I give further directions. Do not open the test booklet until I tell you to do so.**

Distribute test booklets to students. After distributing the test booklets, say:

**I am going to give you a piece of scratch paper. If you need space to work the problems, use the scratch paper.**

Distribute scratch paper. After distributing the scratch paper, say:

**First, write your name on the cover of your test booklet. (Pause.) Open your test booklet to page 3. I will read each question aloud and then repeat the question. Then I will give you time to mark the space for the answer you have chosen. Some of the questions will be easy for you and some will be harder. Don’t worry about the ones that seem hard—just do the best you can. Remember to mark your answers in the test booklet by filling in the circle below the correct answer.**

**Now look at the sample question in the box. Read the sample question to yourself as I read it aloud. “Which symbol correctly compares the numbers?” Fill in the circle for your answer in the area for the sample problem in your test booklet. (Pause while students mark their answers.)**

Which circle did you fill in? (Pause for replies.)

Yes, you should have filled in the circle below the greater than sign ( $>$ ), because 19 is greater than 16. Are there any questions? (Answer all questions.)

## Part 1

When administering Part 1, say:

**You are to answer questions 1 through 24. I will read each question aloud to you, and then you will fill in the circle for the answer you have chosen. Remember, if you need space to work the problems, use the scratch paper I gave you. Be sure to mark your answer by filling in the circle on the test booklet. If you're not sure about the answer to a question, just do the best you can. Now put your finger on question 1 on page 4.**

Read questions 1 through 24 to the students. The test questions begin on page 26 (Form A) or page 30 (Form B) of this teacher's guide. After reading the questions for Part 1, say:

**STOP. This is the end of the test session. Make sure that you have marked all of your answers clearly and have completely erased any marks you do not want. Close your test booklet so that the front cover is on top. Hand in the scratch paper I gave you at the beginning of the test.**

Collect the scratch paper and test booklets. This is the end of Part 1 of the mathematics test.

## Part 2

Hand out the test booklets. Then, say:

**You will now take Part 2 of the mathematics test. Remember that some of the questions will be easy for you and some will be harder. Don't worry about the ones that seem hard—just do the best you can.**

**Look at the front cover of your test booklet. Be sure your name is written on the cover. If your name is not written on the front cover, please raise your hand.**

Check test booklets for students who raise their hands. Each student must have the test booklet with his or her name on it. Then, say:

**I am going to give you a piece of scratch paper. If you need space to work the problems, use the scratch paper.**

After distributing the scratch paper, say:

**Now open your test booklet to page 3 and review the sample question again. Remember, I will read each question aloud and then repeat the question. Then I will give you time to mark the space for the answer you have chosen.**

## Practice Tests

Now look at the sample question in the box. Read the sample question to yourself as I read it aloud. *“Which symbol correctly compares the numbers?”* The circle under the greater than sign ( $>$ ) should be filled in. Are there any questions? (Answer all questions.)

Turn to page 15 (Form A) or page 14 (Form B). Put your finger on question 25.

Read questions 25 through 48 to the students. The test questions begin on page 27 (Form A) or page 31 (Form B) of this teacher’s guide. After reading the questions for Part 2, say:

**STOP. This is the end of the test session. Make sure that you have marked all of your answers clearly and have completely erased any marks you do not want. Close your test booklet so that the front cover is on top. Hand in the scratch paper I gave you at the beginning of the test.**

Collect the scratch paper and test booklets. This is the end of Part 2 of the mathematics test.

## Part 3

Hand out the test booklets. Then, say:

**You will now take Part 3 of the mathematics test. Remember that some of the questions will be easy for you and some will be harder. Don’t worry about the ones that seem hard—just do the best you can.**

**Look at the front cover of your test booklet. Be sure your name is written on the cover. If your name is not written on the front cover, please raise your hand.**

Check test booklets for students who raise their hands. Each student must have the test booklet with his or her name on it. Then, say:

**I am going to give you a ruler, which you will need to answer some of the questions. I am also going to give you a piece of scratch paper. If you need space to work the problems, use the scratch paper.**

After distributing the rulers and scratch paper, say:

**Now open your test booklet to page 3 to review the sample question again. Remember, I will read each question aloud and then repeat the question. Then I will give you time to mark the space for the answer you have chosen.**

Now look at the sample question in the box. Read the sample question to yourself as I read it aloud. *“Which symbol correctly compares the numbers?”* The circle under the greater than sign ( $>$ ) should be filled in. Are there any questions? (Answer all questions.)

**Turn to page 25 (Form A) or page 24 (Form B). Put your finger on question 49.**

Read questions 49 through 71 to the students. The test questions begin on page 28 (Form A) or page 32 (Form B) of this teacher's guide. After reading the questions for Part 3, say:

**STOP. This is the end of the test session. Make sure that you have marked all of your answers clearly and have completely erased any marks you do not want. Close your test booklet so that the front cover is on top. Hand in the rulers and the scratch paper I gave you at the beginning of the test.**

Collect the rulers, scratch paper, and test booklets. This is the end of the mathematics test.

## California Mathematics Practice Test Questions

The questions for each part of the practice tests are given on the following pages. Read each question aloud to the students and then repeat the question. Then give the students time to mark the space for the answer they have chosen.

### Form A

#### Part I

1. Which number has a 7 in the ones place, a 3 in the tens place, and a 7 in the hundreds place?
2. Amy used the subtraction number sentence  $71 - 16 = 55$  to solve a problem. Which number sentence could she use to check her answer?
3. In the number four hundred thirty-six, what is the value of the four?
4. The width of a child's finger is about 1 centimeter. About how long is the crayon in centimeters?
5. Shandon, California, has a population of 986. Which number sentence is another way of writing 986?
6. Anna made a tally chart showing the hair color of 14 students. Which bar graph correctly shows the data from Anna's chart?
7. Ty has 6 quarters, 3 dimes, and 6 pennies. How much money does Ty have altogether?
8. It is 10:00 A.M. Which clock shows what time it will be in 1 hour?
9. Which symbol correctly compares 64 and 46?
10. Which is another way to write  $46 + 32$ ?
11. Which fraction is equal to one whole?
12. Micah rode his bike for 180 minutes. How many hours is this?
13. There are 10 stores in a mall with 9 workers in each store. How many total workers are there in the mall?
14. Mrs. Sommars gave a science quiz with 10 questions. The list shows the scores of seven of her students. What is the mode of the scores?
15. Which comparison is **not** true?
16. What plane figure is formed if the two triangles are put together along the dashed lines?
17. Bobbie used the addition number sentence  $32 + 16 = 48$  to solve a problem. Which number sentence could Bobbie use to check his answer?
18. Joseph kept track of the number of days that people were sick for the first six months of the year. His results are shown in the chart. Which shows the tallies that should be marked for February?

19. What fraction of the pie is left?
20. Josie has the money shown in her purse. How much money does Josie have in her purse?
21. Look at the graph. How many second graders chose baseball or basketball as their favorite sport?
22. What plane figure has 3 sides and 3 angles?
23. If Tina eats 12 of the pieces of candy shown, what fraction of the candy will she have eaten?
24. What is  $267 - 122$ ?

## Part 2

25. Tommy collected information from his classmates about their favorite types of movies. He put his data in the tally chart. Which bar graph correctly shows Tommy's data?
26. Which plane figure has 4 equal sides and 4 right angles?
27. Mr. Walter's class counted 27 total birds that came to their bird feeder. Twelve of the birds were red and rest were black. How many blackbirds did the class count?
28. Mark has 21 pieces of candy. He wants to divide the candy equally among himself and his 2 friends. How many pieces of candy will each of them receive?
29. Mrs. Fisher's class collected 565 pop tabs. Mr. Visek's class collected 735 pop tabs. Which number sentence can be used to find out how many pop tabs they collected altogether?
30. Which expression shows the total number of flowers?
31. Yoko made a pictograph to show the number of tickets needed for each ride at the fair. How many more tickets are needed to ride the roller coaster than to ride the merry-go-round?
32. Raphael is taking a class to learn how to play golf. His class meets every day for 4 weeks. How many total days does Raphael have class?
33. What is another way to write  $33¢$ ?
34. Mr. Roling wants to divide the 20 students in his class into 4 equal groups. How many students will be in each group?
35. What solid figure does the soup can look most like?
36. Mr. Andersen had 184 pencils for his class to use. Now there are only 16 pencils left. How many pencils did the class use?
37. What fraction of the fruit shown is bananas?
38. Which equation has the same value as  $10 + 11 = 21$ ?
39. Mrs. Knox has 5 tables in her classroom. There are 6 children sitting at each table. How many children are sitting in Mrs. Knox's room?

## Practice Tests

40. The pen is 20 paper clips long. About how many buttons long is the pen?
41. Kelli has 32 Los Angeles Angels baseball cards. Rob has 35 Los Angeles Angels baseball cards. Which of the following correctly compares 32 and 35?
42. Bill has 2 tanks of fish with 7 fish in each tank. How many fish does Bill have in all?
43. The list of numbers represents the ages of the different members of a soccer team. What is the range of ages for the soccer team members?
44. What shape is formed if two squares are placed side by side?
45. Which figure shows  $\frac{1}{6}$  shaded?
46. Tasha had 21 gumballs. She gave 5 gumballs to each of her 4 friends. How many gumballs are left for Tasha?
47. Jalen is bringing doughnuts to share for his birthday, so he asked his classmates which kind of doughnut they like best. He recorded his results in the chart. How many more students like glazed doughnuts than jelly doughnuts?
48. Which fraction is the least?

### Part 3

49. What is the length of the flower to the nearest centimeter?
50. What fraction of the flowers are shaded?
51. In the number 358, what place is the 3 in?
52. Drew bought a sucker for sixty-five cents. Which of these is the correct way to write the amount he spent?
53. Julie counted the number of students who brought their lunch each day this week. The chart is partially filled in with her results. Which shows the tally that should be marked for Tuesday?
54. What is the length of the toothbrush in inches?
55. Which picture shows one whole shaded?
56. What number should replace the square to make the number sentence true?
57. What is  $58 + 23$ ?
58. Which symbol correctly compares 82 and 85?
59. Kari left to go shopping at 9:00 A.M. She returned back home at 5:00 P.M. How long was Kari gone shopping?
60. Earl solved the subtraction problem  $9 - 2 = 7$ . Which math problem could Earl use to check his answer?
61. Hannah and her friends recorded how long it takes them to clean a bedroom. How much faster was Micah than Kourtney?

62. Which comparison is **not** true?
63. Shelley has \$2.82 in her purse. Which picture shows how much money she has?
64. Ando had 16 football cards. Trevor gave him all of the football cards that he had. Ando now has 43 football cards. Which number sentence could Ando use to find out how many cards Trevor gave him?
65. What two plane figures are formed if the figure is cut apart at the dashed line?
66. What fraction of the shirts are gray?
67. Which drawing shows  $2 \times 4$ ?
68. What is the length of the bandage to the nearest inch?
69. Which shows the correct way to label an amount of money?
70. Which expression has the same answer as the given expression?
71. About how long is a one-dollar bill?

## Form B

### Part I

1. Which drawing shows  $\frac{2}{3}$  shaded?
2. How many paper clips long is the straw?
3. One box holds 8 crayons. How many total crayons are in 5 boxes?
4. Austin asked his friends what their favorite kind of juice is. He showed his information in the chart. Which shows the tally marks that should be marked for apple juice?
5. What number is in the hundreds place in 276?
6. Which number sentence has the same value as  $8 + 7 = 15$ ?
7. At Polk Elementary School, there are 70 second graders and 64 third graders. How many second and third graders are there altogether at Polk Elementary School?
8. What time does the clock show, to the nearest quarter hour?
9. Which symbol correctly compares 241 and 198.
10. Which drawing shows one third shaded?
11. Mrs. Crabtree asked her students what their favorite subject in school is. Her results are shown in the list. Which subject did the most students choose?
12. Which drawing shows  $3 \times 4$ ?
13. Which solid figure has a face in the shape of a triangle?
14. Which is the correct way to write ninety-eight cents?
15. At a carnival in San Francisco, Mrs. Perez divided 22 ride tickets between her 2 children. How many tickets did each child receive?
16. Gina collects stuffed animals. She had 146 stuffed animals in her collection. She received some more as birthday gifts and she now has a total of 163 stuffed animals. Which open number sentence could Gina use to find out how many stuffed animals she got for her birthday?
17. What number has a 4 in the hundreds place, a 6 in the tens place, and a 2 in the ones place?
18. Carly started reading at 4:00 P.M. and stopped reading at 9:00 P.M. How long did Carly read?
19. Tommy made a tally chart to show how many times the cafeteria served pizza, hamburgers, salad, and stir-fry in the last month. Which bar graph correctly shows Tommy's data?
20. Joe bought a pack of gum for the amount shown. How much did Joe spend on the pack of gum?
21. What symbol correctly compares 8 and 14?
22. If the given polygon is separated along the dashed lines, what other polygons are formed?

23. What is  $97 - 48$ ?
24. What are the next three numbers after 37?

## Part 2

25. Marsha asked her classmates what kind of ice cream they like best. She made the pictograph to show her results. How many more classmates said chocolate than cookie dough?
26. Jen used the subtraction number sentence  $71 - 16 = 55$  to solve a problem. Which number sentence could she use to check her answer?
27. The table shows the number of presents that three people received for their birthdays. How many presents were received in all?
28. Josh jogged for 2 hours. How many minutes did he jog?
29. Which fraction is the greatest?
30. How much money is shown?
31. The population of Olancho, California is 134. How is 134 written in word form?
32. What shape are the faces of a cube?
33. What is another way to write seven hundred four?
34. Beth asked each of her classmates which type of store at the mall is his or her favorite. She made a list of their responses. Which chart correctly displays Beth's data?
35. Travis has 9 toolboxes with 2 screwdrivers in each. How many screwdrivers does Travis have altogether?
36. What number should replace the square to make the number sentence true?
37. Which figure shows one whole shaded?
38. Keenan's bedroom wall is 120 inches long. Would it take a smaller or larger number of feet to measure the length of the same wall?
39. About how long is a pencil?
40. David kept track of how much his baby brother Sam weighed at the beginning of each month. What is the range of Sam's weight from January to May?
41. Mr. Joy's class counted 33 total flowers in their class garden plot. Fourteen of the flowers are sunflowers. The rest are marigolds. How many flowers are marigolds?
42. What fraction of the candles have stripes?
43. If the two figures were connected at the dashed line, what new shape would they form?
44. Mr. Leytem had a total of 18 sets of violin strings for his music class to use. Now there are only 7 sets left. Gloria wants to find how many sets the class has used. Which open number sentence could Gloria use to solve the problem?

## Practice Tests

45. Which set of coins shows the same amount as the given coins?
46. Lisa used the addition number sentence  $48 + 32 = 80$  to solve a problem. Which number sentence should Lisa use to check her answer?
47. It is 7:00 A.M. What time will it be in 7 hours?
48. Which pair of numbers is compared correctly?

### Part 3

49. There are 10 cars in the parking lot. Each car has 4 wheels. How many total wheels are there in the parking lot?
50. Which fraction is the same as 1 whole?
51. What is the length of the airplane to the nearest inch?
52. Josie used the subtraction number sentence  $87 - 55 = 32$  to solve a problem. Which number sentence should she use to check her answer?
53. Krista asked each of her classmates to name his or her favorite sport. She displayed her information in the bar graph. According to the bar graph, how many more students chose soccer than volleyball?
54. What is another way to write 86¢?
55. What number can replace the triangle to make the number sentence true?
56. If Tally divides 14 balloons equally among 3 people, how many balloons will be left over?
57. Which figure is a rectangle?
58. What fraction of the cars are white?
59. What is  $7 \times 5$ ?
60. What is the sum of 243 and 211?
61. The table shows how many elephants, giraffes, monkeys, and bears Leslie saw last weekend at the Los Angeles Zoo. How many total monkeys and bears did Leslie see?
62. What two plane figures would be formed if the given figure were separated at the dashed line?
63. Huey has 26 cherries. If he divides them equally among 5 people, how many will be left over?
64. What fraction of the figure is shaded?
65. Which problem has the same answer as  $8 + 12 + 6 = 26$ ?
66. What is the value of the 5 in 753?
67. What is the length of the fork to the nearest centimeter?

68. The second graders at Woodbridge Elementary were asked what their favorite season is. Six chose winter, 4 chose spring, 7 chose summer, and 3 chose fall. Which tally chart correctly shows this data?
69. Clint bought a notebook for the amount of money shown. How much did Clint spend on the notebook?
70. What is the length of the pen to the nearest centimeter?
71. Kari divided a whole pie into equal slices to hand out to her friends. Each friend received  $\frac{1}{8}$  of the pie. How many slices of pie were there?