

- ## Chapter 4

- ## Chapter 2-4

3. Ana starts eating lunch at 12:15 p.m. She finishes eating lunch 40 minutes later.

Which clock shows the time that Ana finishes eating lunch?

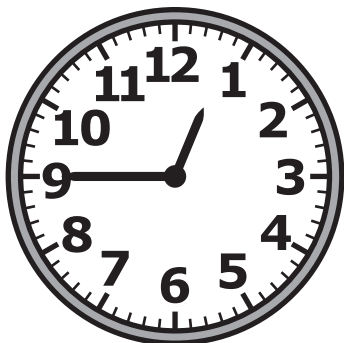
(A)



(B)



(C)



(D)



Chapter 13

Nolan has 16 pennies in one jar and 94 pennies in another jar.

He uses some of the pennies to buy a pencil that costs 25 cents. What is the total number of pennies Nolan has left after he buys the pencil? Show your work.

Enter your answer and your work in the space provided.

Chapter 3

Part B

Nolan saves some more pennies and now has 187 pennies all in one jar. He finds 10 more pennies in his pocket.

What is the total number of pennies Nolan has after he adds the 10 pennies from his pocket to the jar?

Enter your answer in the box.

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 3

The table shows the number of pennies Nolan saved each week for four weeks.

Week	Number of Pennies
Week 1	18
Week 2	40
Week 3	32
Week 4	25

Enter your answer and your work in the space provided.

8

GO ON ►

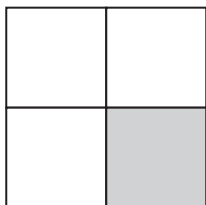
PLEASE DO NOT WRITE IN THIS AREA

[illegible]**SERIAL #**

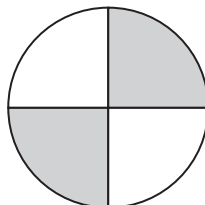
5. Each model equals one whole divided into equal parts. Which models show $\frac{1}{4}$ shaded?

Select the **three** correct answers.

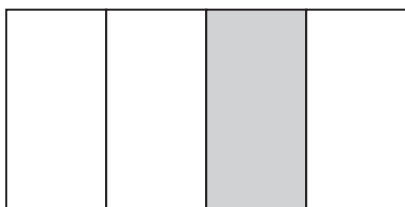
(A)



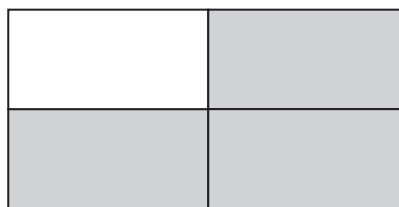
(B)



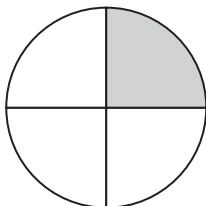
(C)



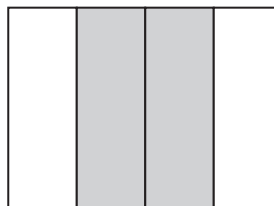
(D)



(E)



(F)



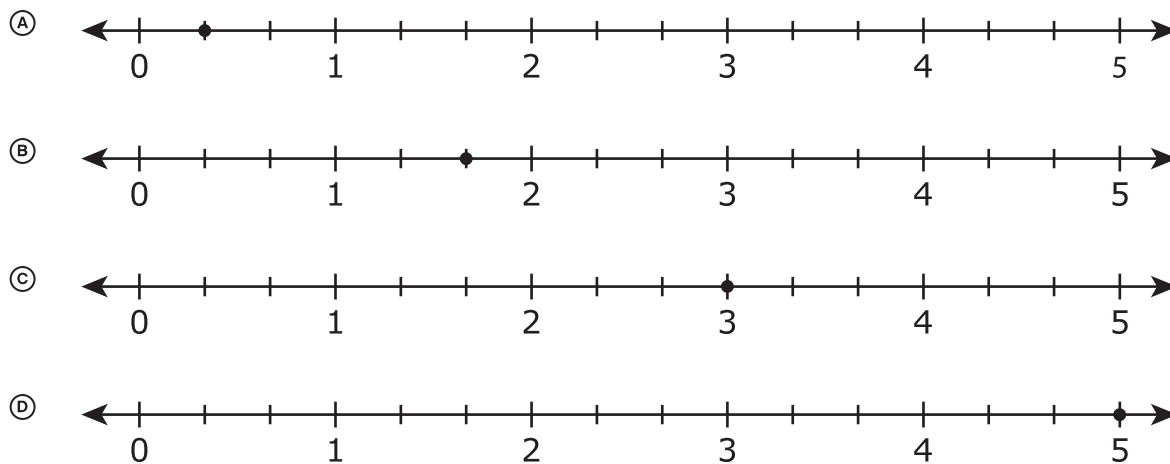
Chapter 9

What is the total number of model cars Cade put in these boxes?

Enter your answer in the box.

●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

7. Which number line shows the correct location of the number $\frac{5}{3}$?



Chapter 10-3

Cindy is finding the quotient for $27 \div 9$. She says, "The answer is 18 because addition is the opposite of division and $9 + 18 = 27$."

Identify the incorrect reasoning in Cindy's statement.

Enter your explanation in the space provided.

Chapter 8

Part B

Show or explain how Cindy can correct her reasoning.

Find the quotient when 27 is divided by 9.

Enter your answer and your work or explanation in the space provided.

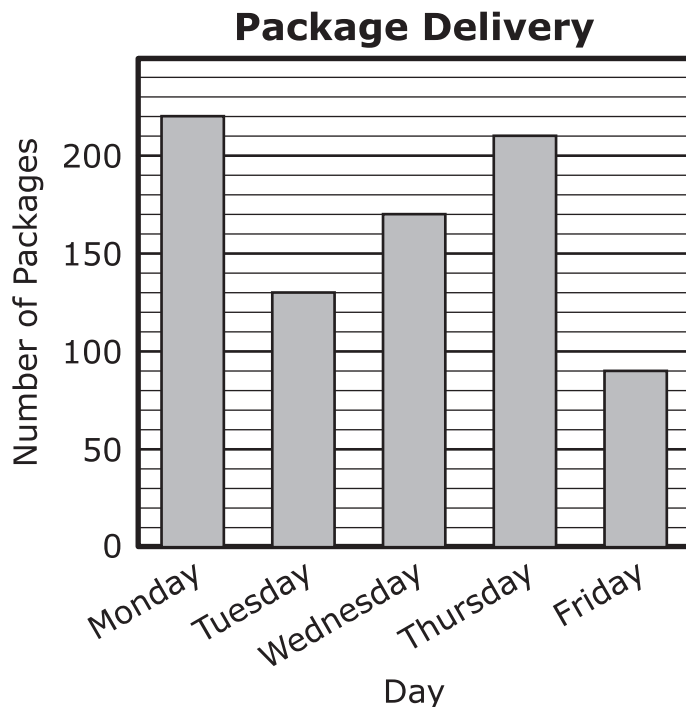
Chapter 8

Ⓔ $42 \div 7 = 6$

SERIAL #

GO ON TO NEXT PAGE

Mr. Conley delivers packages. The bar graph shows the total number of packages he delivered on five days last week.



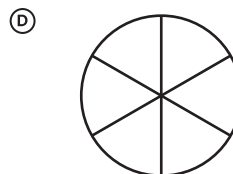
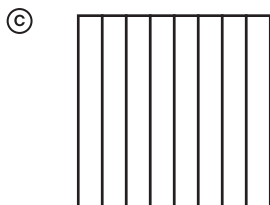
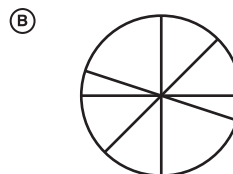
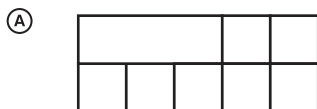
Part B

How many **more** packages did Mr. Conley deliver on Monday and Tuesday than he did on Thursday and Friday?

Enter your answer in the box.

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

11. Sandy draws a shape. She divides it into parts. Each part is $\frac{1}{8}$ the area of the shape. Which shape could be the one Sandy draws?



- How much greater is the mass, in grams, of the apples than the mass of the peaches?

Enter your answer in the box.

●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 3

5

Today, you will take Unit 2 of the Grade 3 Mathematics Practice Test. You will not be able to use a calculator.

Read each question. Then, follow the directions to answer each question. Mark your answers by completely filling in the circles in your test booklet. Do not make any pencil marks outside of the circles. If you need to change an answer, be sure to erase your first answer completely. If a question asks you to show or explain your work, you must do so to receive full credit. Only responses written within the provided space will be scored.

If you do not know the answer to a question, you may go on to the next question. If you finish early, you may review your answers and any questions you did not answer in this unit ONLY. Do not go past the stop sign.

Directions for Completing the Answer Grids

1. Work the problem and find an answer.
2. Write your answer in the boxes at the top of the grid.
3. Print only one number or symbol in each box. Do not leave a blank box in the middle of an answer.
4. Under each box, fill in the circle that matches the number or symbol you wrote above. Make a solid mark that completely fills the circle.
5. Do not fill in a circle under an unused box.
6. See below for examples on how to correctly complete an answer grid.

EXAMPLES


To answer 632 in a question, fill in the answer grid as shown below.


6	3	2			
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
0	0	0	0	0	0
1	1	1	1	1	1
2	2	●	2	2	2
3	●	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
●	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9


A brick path has 10 rows of 4 bricks. How many bricks are in the path?

Enter your answer in the box.

4	0				
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
0	●	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
●	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

(A) 

(B) 

©  A horizontal number line with arrows at both ends. It has tick marks at 0 and 1. There are three additional tick marks between 0 and 1, dividing the segment into four equal parts. A solid black dot is placed on the third tick mark from 0, representing the fraction 3/4.

Ⓓ 

14. Select the correct equation.

Ⓐ $35 \div 7 = 5$

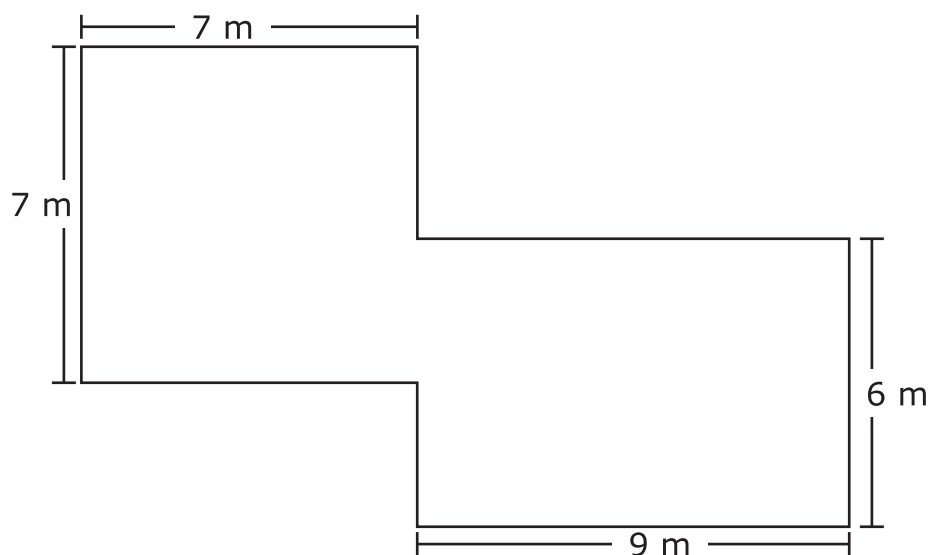
Ⓐ $45 \div 5 = 8$

© $3 \times 8 = 32$

Ⓓ $4 \times 7 = 21$

Chapter 5; 7-1

- 15.** A model of a playground is shown.



Find the area, in square meters, of the playground. Explain your answer using an equation or equations.

Enter your answer and your explanation using your equation or equations in the space provided.

Chapter 15

11

-

17. Which **two** ways show how to find the value of 7×40 ?

Select the **two** correct answers.

- Ⓐ 7×4
- Ⓑ 4×10
- Ⓒ $7 \times 4 \times 10$
- Ⓓ 7 groups of 4 ones
- Ⓔ 7 groups of 4 tens

Chapter 5

Third-grade students took a total of 1,000 pictures for the yearbook during the school year.

- Ted took 72 pictures.
- Mary took 48 pictures.

18. Part A

What is the total number of pictures taken by the rest of the third-grade students during the school year?

Enter your answer in the box.

●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 3

Part B

Ella took 8 more pictures than Ted took. How many more pictures did Ella take than Mary?

Enter your answer in the box.

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 3

- **19.** A tablet has a rectangular screen with a width of 7 inches and a length of 9 inches. Select the **three** ways to calculate the area of the screen, in square inches.
- (A) 7×7
 - (B) 7×9
 - (C) 9×7
 - (D) 9×9
 - (E) $7 + 7 + 7 + 7 + 7 + 7 + 7$
 - (F) $9 + 9 + 9 + 9 + 9 + 9 + 9$

Chapter 15

- Ⓐ 19 square feet
- Ⓑ 38 square feet
- Ⓒ 90 square feet
- Ⓓ 109 square feet

21. Gwen pours about 3 liters of water into a container.

Diagram illustrating the measurement of liquid volume using arrows and horizontal bars.

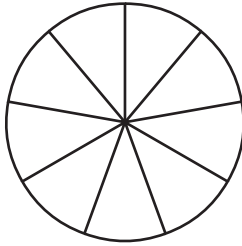
- Arrow 1 points to a bar labeled 4 liters.
- Arrow 2 points to a bar labeled 3 liters.
- Arrow 3 points to a bar labeled 2 liters.
- Arrow 4 points to a bar labeled 1 liter.

The diagram shows that the volume of liquid is measured by the length of the bar, and the volume is divided into two equal parts, each labeled $\frac{1}{2}$.

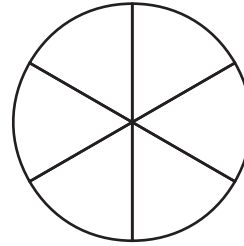
- ## Chapter 11

22. Select the **two** shapes that have parts that are each $\frac{1}{6}$ of the area of the whole shape.

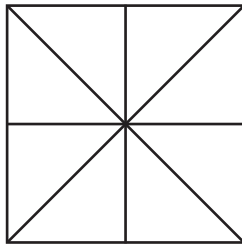
(A)



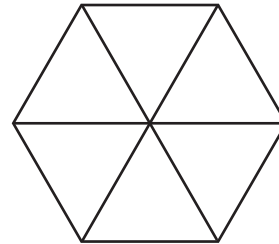
(B)



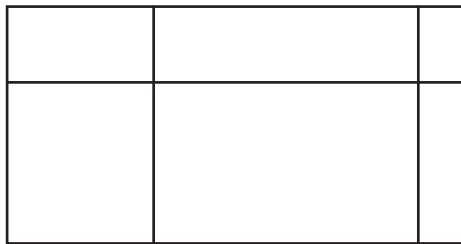
(C)



(D)



(E)



Chapter 9

Unit 3

Directions:

Today, you will take Unit 3 of the Grade 3 Mathematics Practice Test. You will not be able to use a calculator.

Read each question. Then, follow the directions to answer each question. Mark your answers by completely filling in the circles in your test booklet. Do not make any pencil marks outside of the circles. If you need to change an answer, be sure to erase your first answer completely. If a question asks you to show or explain your work, you must do so to receive full credit. Only responses written within the provided space will be scored.

If you do not know the answer to a question, you may go on to the next question. If you finish early, you may review your answers and any questions you did not answer in this unit ONLY. Do not go past the stop sign.

1. Work the problem and find an answer.
2. Write your answer in the boxes at the top of the grid.
3. Print only one number or symbol in each box. Do not leave a blank box in the middle of an answer.
4. Under each box, fill in the circle that matches the number or symbol you wrote above. Make a solid mark that completely fills the circle.
5. Do not fill in a circle under an unused box.
6. See below for examples on how to correctly complete an answer grid.

EXAMPLES

To answer 632 in a question, fill in the answer grid as shown below.

6	3	2			
●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	●	2	2	2
3	●	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
●	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

A brick path has 10 rows of 4 bricks.
How many bricks are in the path?

Enter your answer in the box.

4	0				
●	●	●	●	●	●
0	●	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
●	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

23. Select the equation that is true when the number 8 is put into the box.

Ⓐ $64 \div \square = 8$

Ⓑ $4 \times 4 = \square$

Ⓒ $3 \times \square = 27$

Ⓓ $\square \div 2 = 2$

Chapter 7

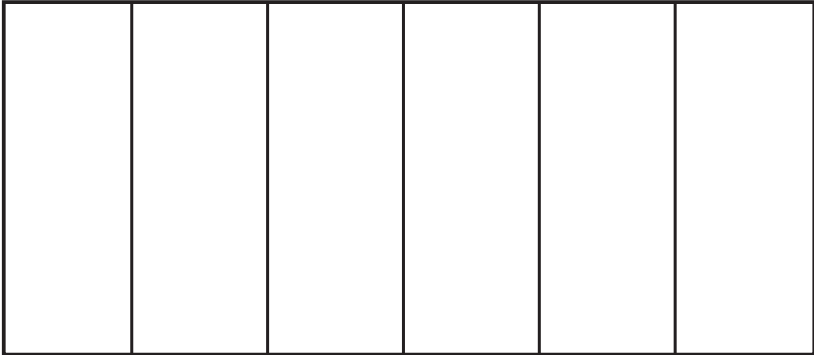
●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

SERIAL #

Use the information provided to answer Part A and Part B for question 25.

An artist plans to paint a wall in a room. The wall is divided into 6 equal parts so that each part can be painted a different color.

Artist’s Wall



Chapter 10

25. Part A

The artist goes to the store to buy brushes and small cans of paint. He pays a total of \$94.

- He buys 8 brushes that cost \$5 each.
- The rest of the money is used for the 6 cans of paint. Each can of paint costs the same amount.

How much does each can of paint cost? Show your work or explain your answer.

Enter your answer and your work or explanation in the space provided.

--	--	--	--	--	--

Select the **two** correct statements.

- Ⓐ Each painted part is $\frac{1}{4}$ of the whole wall.
- Ⓑ Each painted part is $\frac{1}{6}$ of the whole wall.
- Ⓒ Each painted part is $\frac{4}{4}$ of the whole wall.
- Ⓓ The fraction of the wall not yet painted is $\frac{1}{6}$.
- Ⓔ The fraction of the wall not yet painted is $\frac{2}{4}$.
- Ⓕ The fraction of the wall not yet painted is $\frac{2}{6}$.

GO ON ►

Use the information provided to answer Part A and Part B for question 26.

Pablo goes to a stamp show where he can share, buy, and sell stamps.

26. Part A

The first day, Pablo starts with 744 stamps. He buys 27 stamps from his friend. He then sells 139 stamps.

What is the total number of stamps that Pablo has after the first day of the stamp show?

Enter your answer in the box.

•	•	•	•	•	•
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 3



The second day, Pablo buys 6 packages of car stamps. Each package has 6 car stamps. Pablo shares these car stamps equally among himself and 3 friends.

What is the total number of car stamps that Pablo and each of his 3 friends receive?

Enter your answer in the box.

●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 8

- 27.** Ken draws a rectangle with an area of 35 square inches. The width of the rectangle is 5 inches.

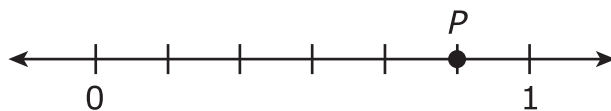
What is the length, in inches, of Ken's rectangle?

Enter your answer in the box.

●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 15

28. Mia placed point P on the number line.



- Give the value of the number P as a fraction.
- What does the denominator of your fraction represent on the number line?
- What does the numerator of your fraction represent on the number line?

Enter your answer and your explanation in the space provided.

Chapter 9



- 41

SERIAL #

Unit 4

Directions:

Today, you will take Unit 4 of the Grade 3 Mathematics Practice Test. You will not be able to use a calculator.

Read each question. Then, follow the directions to answer each question. Mark your answers by completely filling in the circles in your test booklet. Do not make any pencil marks outside of the circles. If you need to change an answer, be sure to erase your first answer completely. If a question asks you to show or explain your work, you must do so to receive full credit. Only responses written within the provided space will be scored.

If you do not know the answer to a question, you may go on to the next question. If you finish early, you may review your answers and any questions you did not answer in this unit ONLY. Do not go past the stop sign.

1. Work the problem and find an answer.
2. Write your answer in the boxes at the top of the grid.
3. Print only one number or symbol in each box. Do not leave a blank box in the middle of an answer.
4. Under each box, fill in the circle that matches the number or symbol you wrote above. Make a solid mark that completely fills the circle.
5. Do not fill in a circle under an unused box.
6. See below for examples on how to correctly complete an answer grid.

EXAMPLES

To answer 632 in a question, fill in the answer grid as shown below.

6	3	2			
●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	●	2	2	2
3	●	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
●	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

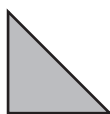
A brick path has 10 rows of 4 bricks.
How many bricks are in the path?

Enter your answer in the box.

4	0				
●	●	●	●	●	●
0	●	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
●	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

30. Which **three** shapes are quadrilaterals?

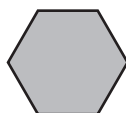
(A)



(B)



(C)



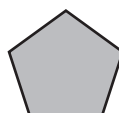
(D)



(E)



(F)



Chapter 14

31.

$$\frac{2}{6} < \square$$

Select the **three** fractions that make this comparison true.

(A)

$$\frac{3}{6}$$

(B)

$$\frac{2}{8}$$

(C)

$$\frac{2}{4}$$

(D)

$$\frac{2}{3}$$

(E)

$$\frac{1}{6}$$

Chapter 10

- Enter your answer in the box.

●	●	●	●	●	●
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

47

PLEASE DO NOT WRITE IN THIS AREA

SERIAL #

33. Part A

What is the number with the **least** value that can be made with the digits 6, 7, and 5 using all the digits only once?

- Ⓐ 576
- Ⓑ 657
- Ⓒ 675
- Ⓓ 567

Chapter 1

Chapter 1

34. Connie solved the math problem shown.

$$40 \div 8 = ?$$

Which equation can Connie use to check her answer?

- Ⓐ $8 + ? = 40$
- Ⓑ $40 + 8 = ?$
- Ⓒ $8 \times ? = 40$
- Ⓓ $8 \times 40 = ?$

Chapter 4

-

Jana's Chores

Day	Minutes of Chores					
Monday	★	★	★	★		
Tuesday	★	★	★	★	★	
Wednesday	★	★	★	★		
Thursday	★	★	★	★	★	★
Friday						

KEY

★ = 5 minutes

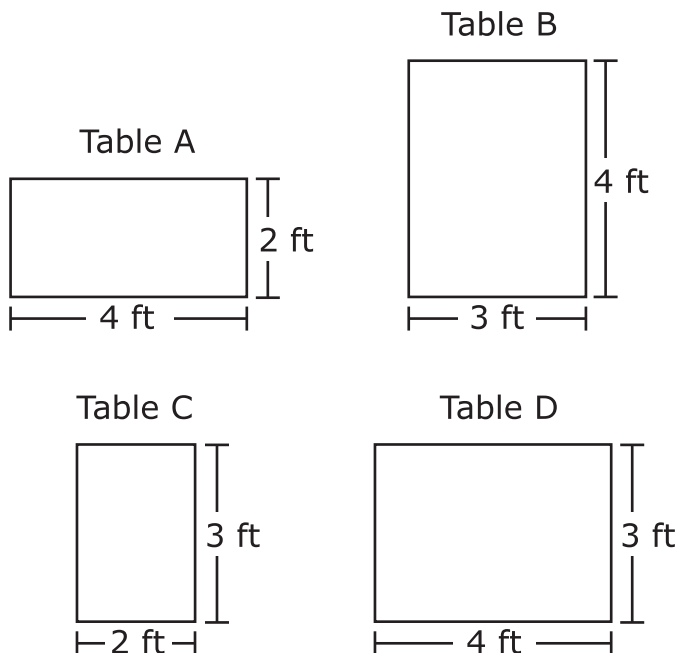
- Jana spends a total of 130 minutes doing chores during the week. How many stickers should Jana get on Friday?

- Ⓐ 5
- Ⓑ 7
- Ⓒ 19
- Ⓓ 35

Chapter 12; 4

Use the information provided to answer Part A and Part B for question 36.

Tori and Leo set up their clubhouse with four tables. These rectangles represent the tabletops.



36. Part A

Identify **two** tabletops with the same area, in square feet, and explain how you know that the areas are equal.

Enter your answers and your explanation in the space provided.

Chapter 15

37. Enter your answer in the box.

$$3 \times 80 =$$

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 5

38. Jane bought 24 light bulbs. The light bulbs come in packs of 4.

How many packs of light bulbs did Jane buy?

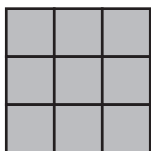
Enter your answer in the box.

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Chapter 7

Select the **three** correct answers.

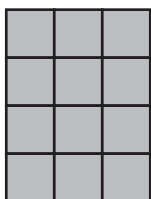
(A)



Ⓑ



©



Ⓓ



Ⓔ



55

GO ON ►

PLEASE DO NOT WRITE IN THIS AREA

SERIAL #

Use the information provided to answer Part A and Part B for question 40.

The owners of a new toy store have 888 puzzles to sell.

- They sell 237 puzzles the first month.
- They sell 461 puzzles the second month.

40. Part A

Which of these shows the three given numbers, each rounded to the nearest 10?

- (A) 880, 230, 470
- (B) 880, 230, 460
- (C) 890, 240, 470
- (D) 890, 240, 460

Chapter 1-4

Part B

Use the rounded numbers to find about how many puzzles the owners have left to sell.

Enter your answer in the box.

Chapter 1-4

•	•	•	•	•	•
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9





41. Which equations are true?

Select the **three** correct answers.

- Ⓐ $7 \div 7 = 0$
- Ⓑ $3 \times 4 = 12$
- Ⓒ $10 \div 5 = 5$
- Ⓓ $16 \div 2 = 8$
- Ⓔ $0 \times 6 = 0$

Chapter 7

42. Which number line shows a point at $\frac{8}{8}$?

- (A)  A horizontal number line with arrows at both ends. Major tick marks are labeled 0, 1, and 2. There are 10 equal intervals between 0 and 1, and 10 equal intervals between 1 and 2. A solid black dot is placed at the first tick mark after 0, representing 0.25.
- (B)  A horizontal number line with arrows at both ends. Major tick marks are labeled 0, 1, and 2. There are 10 equal intervals between 0 and 1, and 10 equal intervals between 1 and 2. A solid black dot is placed at the third tick mark before 2, representing 1.75.
- (C)  A horizontal number line with arrows at both ends. Major tick marks are labeled 0, 1, and 2. There are 10 equal intervals between 0 and 1, and 10 equal intervals between 1 and 2. A solid black dot is placed exactly on the tick mark for 1.
- (D)  A horizontal number line with arrows at both ends. Major tick marks are labeled 0, 1, and 2. There are 10 equal intervals between 0 and 1, and 10 equal intervals between 1 and 2. A solid black dot is placed exactly on the tick mark for 0.

Chapter 10

43. Eric measures 10 leaves with a ruler. He records the lengths as shown.

Lengths of Leaves (inches)

$5\frac{1}{2}, 6\frac{1}{2}, 6\frac{1}{2}, 6, 5\frac{3}{4}, 5\frac{1}{2}, 6, 6, 5\frac{1}{2}, 6$

Which line plot shows the lengths of the leaves recorded correctly?

