Tennessee Comprehensive Assessment Program

TCAP

TNReady—Math Grade 4 | Practice Test



Please PRINT all information in the box.
Student Name:
Teacher Name:
School:
District:





Published under contract with the Tennessee Department of Education by Questar Assessment Inc., 5550 Upper 147th Street West, Minneapolis, MN 55124. Copyright © 2017 by Tennessee Department of Education. All rights reserved. No part of this publication may be copied, reproduced, or distributed in any form or by any means, or stored in a database or retrieval system, without the prior express written consent of the Tennessee Department of Education and Questar Assessment Inc.

Directions

This test has Subpart 1, Subpart 2, and Subpart 3. Each subpart contains various types of assessment questions. The following sample shows a type of question used.

You MAY NOT use a calculator in Subpart 1 of this test.

Sample A: Multiple select (multiple correct responses)

- 1 Which **three** equations are true?
 - **A.** 3 + 6 = 9
 - **B.** $4 \times 4 = 8$
 - **C.** 5 + 9 = 14
 - **D.** 20 + 2 = 40
 - **E.** $25 \times 4 = 100$



Do not go on to the next page until told to do so.



- 1 What is $\frac{2}{100} + \frac{7}{10}$?
 - **A.** $\frac{27}{10}$
 - **B.** $\frac{27}{100}$
 - **c.** $\frac{72}{10}$
 - **D.** $\frac{72}{100}$
- Which decimal has the same value as $\frac{68}{100}$?
 - **M.** 6800.00
 - **P.** 68.00
 - **R.** 0.68
 - **S.** 6.8



3 A rectangle has an area of 156 square inches and a perimeter of 50 inches.

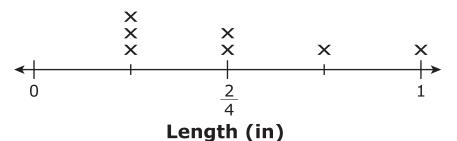
What are the width and the length of the rectangle?

- **A.** width = 4 inches length = 39 inches
- **B.** width = 5 inches length = 10 inches
- **C.** width = 10 inches length = 15 inches
- **D.** width = 12 inches length = 13 inches



Cyndi measures the lengths of beads she is using to make a necklace. She creates a line plot to display her data.

Bead Lengths



Cyndi places all the beads into a straight line, end to end.

What is the total length, in inches, of the line of beads?

- **M.** $3\frac{2}{4}$
- **P.** $2\frac{2}{4}$
- **R.** $\frac{7}{5}$
- **S.** $\frac{7}{4}$
- 5 A pattern starts at 3 and follows the rule "add 4."

Select the **two** numbers which belong in this pattern.

- **A.** 13
- **B.** 7
- **C.** 12
- **D.** 4
- **E.** 23



6 What is the value of 4056 + 2173?

Enter your answer in the space provided.

Which expression can be used to correctly find the product of 27 and 30?

M.
$$(20 \times 7) + (30 \times 0)$$

P.
$$(2 \times 30) + (70 \times 30)$$

R.
$$(20 \times 30) + (7 \times 30)$$

- **S.** $(2 \times 30) + (7 \times 30)$
- Eleanor is making sand art. She puts $\frac{1}{2}$ cup each of 10 different colors of sand in a bottle.

How much sand, in cups, does she put in the bottle?

Enter your answer in the space provided.

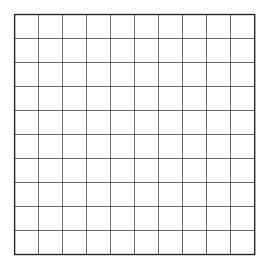


- 9 Which of the following numbers are prime? Select the **three** correct numbers.
 - **A.** 2
 - **B.** 9
 - **C.** 13
 - **D.** 15
 - **E.** 19
 - **F.** 25
- The numbers in the first column are to be rounded to a specified place value. Mark the one number in **each** row that matches the correctly rounded number.

	627,500	630,000	627,000	628,000	620,000	627,600
627,339 rounded to the nearest ten thousand	0	0	0	0	0	0
627,582 rounded to the nearest hundred	0	0	0	0	0	0
627,449 rounded to the nearest thousand	0	0	0	0	0	0



11 Using this grid, draw a right angle.

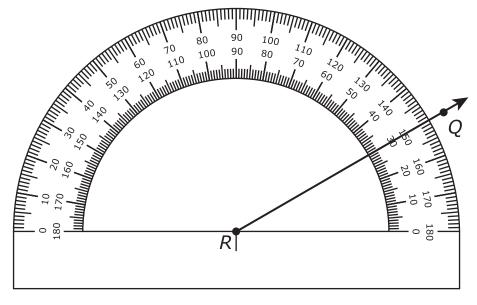


Decide if each comparison is true or false. Mark the one correct box in **each** row.

	True	False
$\frac{3}{8} < \frac{1}{2}$	0	0
$\frac{8}{10} < \frac{3}{4}$	0	0
$\frac{5}{12} > \frac{1}{4}$	0	0



Angle QRS measures 60°. Ray RQ is shown on this protractor.



Using this protractor, draw and label ray RS to form angle QRS.



This is the end of Subpart 1 of the Math Practice Test. Do not go on to the next page until told to do so.

Directions

Subpart 2 of this test contains various types of assessment questions. The following sample shows a type of question used.

You MAY use a calculator in Subpart 2 of this test.

Sample B: Written response (fill in the blank)

What is the value of 110 – 45?

Enter your answer in the space provided.



Do not go on to the next page until told to do so.



- 14 A school needs vans for a field trip.
 - There are 59 people going on the field trip.
 - The school has 6 vans that each hold 8 people.
 - The school will rent additional vans that each hold 8 people.

How many vans will the school need to rent to hold all the people going on the field trip?

- **A.** 1
- **B.** 2
- **C.** 3
- **D.** 7
- A number pattern starts with the number 6 as the first term. The pattern follows the rule "add 3".

Decide if each statement about this pattern is true or false.

Mark the one correct box in **each** row.

	True	False
The terms alternate between even and odd numbers.	0	0
All possible multiples of 6 are terms in the pattern.	0	0
Each term is less than the term before it.	0	0



16 An incomplete comparison is shown.

Devin says 13,426 is greater. Bill says 12,389 is greater.

Who is correct and why?

- **M.** Bill is correct, because the ones digit in 12,389 is greater than the ones digit in 13,426.
- **P.** Bill is correct, because the value of the 2 in 12,389 is greater than the value of the 2 in 13,426.
- **R.** Devin is correct, because the hundreds digit in 13,426 is greater than the hundreds digit in 12,389.
- **S.** Devin is correct, because the thousands digit in 13,426 is greater than the thousands digit in 12,389.



17 Part A

To partition the number line, divide the number line into tenths.

Place a point at $\frac{6}{10}$ on the number line.



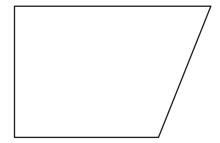
Part B

To partition the number line, divide the number line into a **different** number of parts than in Part A.

Then, place a point at a fraction that is **equivalent to** $\frac{6}{10}$.



18 Using this figure, circle the sides that appear to be parallel to each other.





- 19 Which comparison is **true**?
 - **A.** 16.02 < 16.20
 - **B.** 0.62 > 6.10
 - **C.** 1.32 < 1.29
 - **D.** 4.14 = 4.41
- Joey is making cookies. The recipe calls for $\frac{2}{3}$ cup of sugar for each batch of cookies.

How many cups of sugar does he need for 5 batches of cookies?

- **M.** $\frac{7}{3}$
- **P.** $\frac{10}{3}$
- **R.** $\frac{2}{15}$
- **s.** $\frac{10}{15}$



This is the end of Subpart 2 of the Math Practice Test. Do not go on to the next page until told to do so.

Directions

Subpart 3 of this test contains various types of assessment questions. The following sample shows a type of question used.

You MAY use a calculator in Subpart 3 of this test.

Sample C: Match (mark the box)

1 Decide if each fraction is greater than 1 or less than 1.

Mark the one correct box in each row.

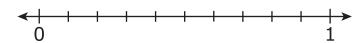
	Greater than 1	Less than 1
<u>7</u> 5	0	0
<u>3</u> 5	0	0
<u>5</u> 2	0	0



Do not go on to the next page until told to do so.



Using this number line, place a point to show the location of 0.85.



Decide if each expression has a value equal to $2\frac{7}{8}$ or **not** equal to $2\frac{7}{8}$. Mark the one correct box in **each** row.

	Equal to $2\frac{7}{8}$	Not equal to $2\frac{7}{8}$
$8+8+\frac{7}{8}$	0	0
$\frac{2}{6} + \frac{1}{6} + \frac{4}{6}$	0	0
$\frac{8}{8} + \frac{8}{8} + \frac{2}{8} + \frac{5}{8}$	0	0
$1+1+\frac{2}{8}+\frac{3}{8}+\frac{2}{8}$	0	0



Jenkin's Pumpkin Patch has 760 pumpkins this year. They have twice as many pumpkins this year as they had last year.

How many **more** pumpkins does Jenkin's Pumpkin Patch have this year than they had last year?

Enter your answer in the space provided.

Г	٦
П	- /
П	-
П	-
П	- 1
П	- 1
П	
	- 1

Caleb baked 12 batches of chocolate chip cookies. There were 16 cookies in each batch.

Part A

Write an equation that can be used to find c, the total number of cookies that Caleb baked.

Enter your equation in the space provided.

Part B

How many cookies did Caleb bake?

Enter your answer in the space provided.





25 Think about this situation:

"A baseball weighs 5 ounces. A football weighs 3 times as much as the baseball. How much does the football weigh?"

Which equation could represent this situation?

- **A.** $5 + 3 = \square$
- **B.** $5 3 = \square$
- **C.** $5 \times 3 = \Box$
- **D.** $5 \div 3 = \Box$
- Liz has small buttons and large buttons. Each button is either red, white, or blue. Liz arranges all of the buttons in rows on a table.
 - There are 18 rows of buttons.
 - There are 15 buttons in each row.

Part A

Liz has the same number of small buttons as large buttons.

How many small buttons does Liz have?

Enter your answer in the space provided.



26 continued

Part B

Of all of Liz's buttons, $\frac{1}{6}$ are blue.

Which expression could represent the fraction of Liz's buttons that are red or white?

- **M.** $\frac{1}{6} + \frac{1}{6}$
- **P.** $\frac{6}{6} + \frac{1}{6}$
- **R.** $\frac{3}{6} + \frac{3}{6}$
- **S.** $\frac{2}{6} + \frac{3}{6}$

Part C

Liz has 4 rows of small red buttons, with 15 buttons in each row, on the table.

Which products are equal to the total number of small red buttons in those rows?

Choose the **three** correct answers.

- A. 2×30
- **B.** 3 × 16
- **C.** 3×20
- **D.** 5×12
- **E.** 8×19
- F. 10×20



26 continued

Part D

John has 200 buttons. He has 5 times as many buttons as Markie has.

How many buttons do John and Markie have all together?

Enter your answer in the space provided.

1		

Part E

John sorts his 200 buttons into 4 groups. Each group has the same number of buttons. He gives the buttons in one group to Markie.

Which equation can be used to find n, the number of buttons that John has now?

M.
$$n \div 4 = 200$$

P.
$$200 - 50 = n$$

R.
$$200 \div 4 = n$$

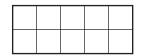
S.
$$n - 50 = 200$$



Ramona bought 17 T-shirts for the soccer team. Each T-shirt cost \$12.

What was the total cost of the T-shirts?

- **A.** \$29
- **B.** \$84
- **C.** \$204
- **D.** \$294
- Using this fraction model, shade the model to represent a fraction that is equivalent to $\frac{4}{5}$.





Decide if each number is greater than or less than 70,461.

Mark the one correct box in **each** row.

	Greater than 70,461	Less than 70,461
70,460	0	0
70,453	0	0
71,012	0	0
75,112	0	0
69,989	0	0
70,362	0	0



This is the end of the test.

Name: _____

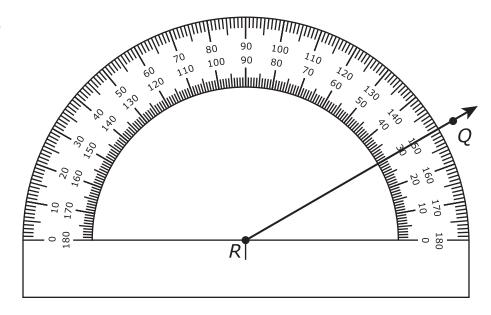
Subpart 1 Practice Test Questions

- **1.** A B C D
- 2. M P R S
- 3. A B C D
- 4. M P R S
- **5.** (select **two**)
- 6.
- 7. M P R S
- 8.
- 9. (select three)
- 10. 627,500 627,000 628,000 620,000 627,600 630,000 627,339 rounded to the nearest ten 0 0 0 0 0 0 thousand 627,582 rounded to \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc the nearest hundred 627,449 rounded to the nearest \bigcirc \bigcirc 0 \bigcirc \bigcirc 0 thousand

11.

12.

	True	False
$\frac{3}{8} < \frac{1}{2}$	0	0
$\frac{8}{10} < \frac{3}{4}$	0	0
$\frac{5}{12} > \frac{1}{4}$	0	0



Subpart 2 Practice Test Questions

- **14.** A B C D
- **15.**

	True	False
The terms alternate between even and odd numbers.	0	0
All possible multiples of 6 are terms in the pattern.	0	0
Each term is less than the term before it.	0	0

- **16.** M P R S
- 17. Part A: 0 1



- **19.** A B C D
- **20.** M P R S

Subpart 3 Practice Test Questions

22.

	Equal to $2\frac{7}{8}$	Not equal to $2\frac{7}{8}$
$8+8+\frac{7}{8}$	0	0
$\frac{2}{6} + \frac{1}{6} + \frac{4}{6}$	0	0
$\frac{8}{8} + \frac{8}{8} + \frac{2}{8} + \frac{5}{8}$	0	0
$1+1+\frac{2}{8}+\frac{3}{8}+\frac{2}{8}$	0	0

23.

24. Part A:

Part B:

25. A B C D

- 26. Part A:
 - Part B: M P R S
 - Part C: A B © D E F (select three)
 - Part D:
 - Part E: M P R S
- 27. A B C D
- 28.

	Greater than 70,461	Less than 70,461
70,460	0	0
70,453	0	0
71,012	0	0
75,112	0	0
69,989	0	0
70,362	0	0



Subpart 1 Practice Test Questions

1. A B © ●

2. M P ● S

3. A B C ●

4. • P R S

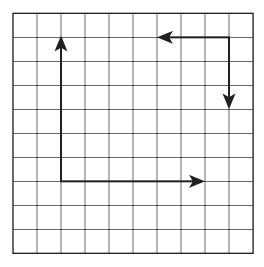
6. 6229

7. M P ● S

8. 5

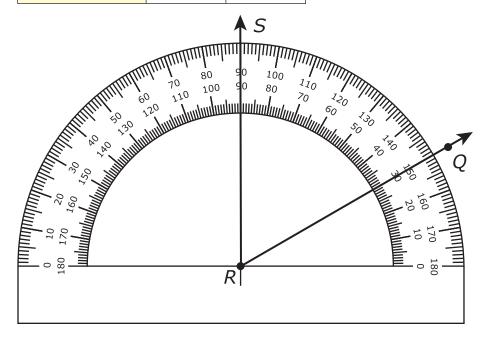
	627,500	630,000	627,000	628,000	620,000	627,600
627,339 rounded to the nearest ten thousand	0	•	0	0	0	0
627,582 rounded to the nearest hundred	0	0	0	0	0	•
627,449 rounded to the nearest thousand	0	0	•	0	0	0

11.



12.

	True	False
$\frac{3}{8} < \frac{1}{2}$	•	0
$\frac{8}{10} < \frac{3}{4}$	0	•
$\frac{5}{12} > \frac{1}{4}$	•	0

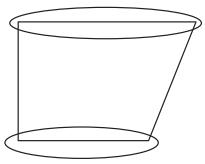


Subpart 2 Practice Test Questions

- **14.** A C D
- **15**.

	True	False
The terms alternate between even and odd numbers.	•	0
All possible multiples of 6 are terms in the pattern.	•	0
Each term is less than the term before it.	0	•

- **16.** M P R ●
- **17.** Part A: 0 1



- **19.** ® © D
- **20.** M R S

Subpart 3 Practice Test Questions

	Equal to $2\frac{7}{8}$	Not equal to $2\frac{7}{8}$
$8+8+\frac{7}{8}$	0	•
$\frac{2}{6} + \frac{1}{6} + \frac{4}{6}$	0	•
$\frac{8}{8} + \frac{8}{8} + \frac{2}{8} + \frac{5}{8}$	•	0
$1+1+\frac{2}{8}+\frac{3}{8}+\frac{2}{8}$	•	0

- **23.** 380
- 24. Part A: $12 \times 16 = c \text{ or } c = 16 \times 12 \text{ or other equivalent equation}$
 - **Part B:** 192
- **25.** A B D

26. Part A:

135

- Part B: M P R ●
- Part C: ® ● ⑤ ⑤ (select three)
- **Part D:** 240
- Part E: M R S
- **27.** A B D
- 28.

	Greater than 70,461	Less than 70,461
70,460	0	•
70,453	0	•
71,012	•	0
75,112	•	0
69,989	0	•
70,362	0	•



TNReady Practice Test Standards Alignment and Key – Grade 4 (2017–2018)

Subpart 1	(2017–2018)			
2 R 4.NF.C.6 3 D 4.MD.A.3 4 M 4.MD.B.4 5 B, E 4.OA.C.5 6 6229 4.NBT.B.4 7 R 4.NBT.B.5 8 5 4.NF.B.4c 9 A, C, E 4.OA.B.4 10 630,000; 627,600; 627,000 4.NBT.A.3 11 any right angle 4.G.A.1 12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 14 B 4.OA.A.3 15 T, T, F 4.OA.C.S 4.NBT.A.2 4.NBT.A.2 16 S 4.NBT.A.2 Part A: $\frac{6}{10}$ plotted on number line divided into 10 equal parts or another equivalent fraction to $\frac{6}{10}$ (but not $\frac{6}{10}$) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.B.3 20 P 4.NF.B.3 21 point plotted at 0.8	Subpart 1	Кеу	Standard	
3 D 4.MD.A.3 4 M 4.MD.B.4 5 B, E 4.OA.C.5 6 6229 4.NBT.B.5 7 R 4.NBT.B.5 8 5 4.NF.B.4c 9 A, C, E 4.OA.B.4 10 630,000; 627,600; 627,000 4.NBT.A.3 11 any right angle 4.G.A.1 12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 14 B 4.OA.A.3 15 T, T, F 4.OA.C.5 16 S 4.NBT.A.2 Part B: ⁶ / ₃ plotted on number line divided into 10 equal parts or another equivalent fraction to ⁶ / ₁₀ (but not ⁶ / ₁₀) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal, eq	1	D	4.NF.C.5	
M	2	R	4.NF.C.6	
5 B, E 4.OA.C.5 6 6229 4.NBT.B.4 7 R 4.NBT.B.5 8 5 4.NF.B.4c 9 A, C, E 4.OA.B.4 10 630,000; 627,600; 627,000 4.NBT.A.3 11 any right angle 4.G.A.1 12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 14 B 4.OA.A.3 15 T, T, F 4.OA.C.5 16 S 4.NBT.A.2 17 Part 8: $\frac{6}{10}$ plotted on number line divided into 10 equal parts or another equivalent fraction to $\frac{6}{10}$ (but not $\frac{6}{10}$) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.A.3 23 380 4.OA.A.3 24	3	D	4.MD.A.3	
6 6 6229 4.NBT.B.4 7 R 4.NBT.B.5 8 5 4.NF.B.4c 9 A, C, E 4.OA.B.4 10 630,000; 627,600; 627,000 4.NBT.A.3 11 any right angle 4.G.A.1 12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 14 B 4.OA.A.3 15 T, T, F 4.OA.C.5 16 S 4.NBT.A.2 Part A: 6/10 plotted on number line divided into 10 equal parts Part B: 3/5 plotted on number line divided into 5 equal parts or another equivalent fraction to 6/10 (but not 6/10) 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 c = 12 × 16 or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.B.5.5	4	M	4.MD.B.4	
7 R 4.NBT.B.5 8 5 4.NF.B.4c 9 A, C, E 4.OA.B.4 10 630,000; 627,600; 627,000 4.NBT.A.3 11 any right angle 4.G.A.1 12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 14 B 4.OA.A.3 15 T, T, F 4.OA.C.5 16 S 4.NBT.A.2 17 Part A: 6/10 plotted on number line divided into 10 equal parts or another equivalent fraction to 6/10 (but not 6/10) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 c = 12 × 16 or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.3	5	В, Е	4.OA.C.5	
8 5 4.NF.B.4c 9 A, C, E 4.OA.B.4 10 630,000; 627,600; 627,000 4.NBT.A.3 11 any right angle 4.G.A.1 12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 14 B 4.OA.A.3 15 T, T, F 4.OA.C.5 16 S 4.NBT.A.2 Part B: $\frac{6}{5}$ plotted on number line divided into 10 equal parts or another equivalent fraction to $\frac{6}{10}$ (but not $\frac{6}{10}$) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 Subpart 3 Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 c = 12 × 16 or other equivalent equation; 192 4.NBT.B.5 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 <td>6</td> <td>6229</td> <td>4.NBT.B.4</td>	6	6229	4.NBT.B.4	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7	R	4.NBT.B.5	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8	5	4.NF.B.4c	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9	A, C, E	4.OA.B.4	
12 T, F, T 4.NF.A.2 13 60° angle with ray RS drawn through 90 4.MD.C.6 Subpart 2 4.40A.A.3 14 B 4.0A.A.3 15 T, T, F 4.0A.C.5 16 S 4.NBT.A.2 Part A: $\frac{6}{10}$ plotted on number line divided into 10 equal parts or another equivalent fraction to $\frac{6}{10}$ (but $\frac{6}{10}$) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 3 4.NF.C.6 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26c A, C, D 4.OA.A.3 26e P 4.OA.A.3 26e P 4.OA.A.3 31 C	10	630,000 ; 627,600 ; 627,000	4.NBT.A.3	
13	11	any right angle	4.G.A.1	
Subpart 2 14 B 4.0A.A.3 15 T, T, F 4.0A.C.5 16 S 4.NBT.A.2 Part A: $\frac{6}{10}$ plotted on number line divided into 10 equal parts or another equivalent fraction to $\frac{6}{10}$ (but not $\frac{6}{10}$) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.3 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26e P 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	12	T, F, T	4.NF.A.2	
14 B $4.0A.A.3$ 15 T, T, F $4.0A.C.5$ 16 S $4.NBT.A.2$ Part A: $\frac{6}{10}$ plotted on number line divided into 10 equal parts 17 Part B: $\frac{3}{5}$ plotted on number line divided into 5 equal parts or another equivalent fraction to $\frac{6}{10}$ (but not $\frac{6}{10}$) $4.NF.A.1$ 18 top and bottom sides are circled (parallel sides) $4.G.A.1$ 19 A $4.NF.C.7$ 20 P $4.NF.B.3$ Subpart 3 21 point plotted at 0.85 $4.NF.C.6$ 22 not equal, not equal, equal, equal $4.NF.B.3$ 23 380 $4.0A.A.2$ 24 $c = 12 \times 16$ or other equivalent equation; 192 $4.NBT.B.5$ 25 C $4.0A.A.1$ 26a 135 $4.0A.A.3$ 26b S $4.NF.B.3d$ 26c A, C, D $4.0A.A.3$ 26e P $4.0A.A.3$ 26e P $4.0A.A.3$ 26e P $4.0A.A.3$ 26e P $4.0A.A.3$ 26e	13	60° angle with ray RS drawn through 90	4.MD.C.6	
15 T, T, F $4.0A.C.5$ 16 S $4.NBT.A.2$ Part A: $\frac{6}{10}$ plotted on number line divided into 10 equal parts or another equivalent fraction to $\frac{6}{10}$ (but $\frac{6}{10}$) $4.NF.A.1$ 18 top and bottom sides are circled (parallel sides) $4.G.A.1$ 19 A $4.NF.C.7$ 20 P $4.NF.B.3d$ Subpart 3 point plotted at 0.85 $4.NF.C.6$ 22 not equal, not equal, equal, equal $4.NF.B.3b$ 23 380 $4.OA.A.2$ 24 $c = 12 \times 16$ or other equivalent equation; 192 $4.NBT.B.5$ 25 C $4.OA.A.1$ 26a 135 $4.OA.A.3$ 26b S $4.NF.B.3d$ 26c A, C, D $4.OA.A.3$ 26d 240 $4.OA.A.3$ 26e P $4.OA.A.3$ 31 C $4.NBT.B.5$ 32 8 out of 10 squares shaded $4.NF.A.1$	Subpart 2			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	14	В	4.OA.A.3	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	15	T, T, F	4.OA.C.5	
Part B: $\frac{3}{5}$ plotted on number line divided into 5 equal parts or another equivalent fraction to $\frac{6}{10}$ (but $\frac{6}{10}$) 4.NF.A.1 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26c A, C, D 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	16	S	4.NBT.A.2	
another equivalent fraction to $\frac{6}{10}$ (but $not \frac{6}{10}$) 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1		Part A: $\frac{6}{10}$ plotted on number line divided into 10 equal parts		
another equivalent fraction to $\frac{6}{10}$ (but $not \frac{6}{10}$) 18 top and bottom sides are circled (parallel sides) 4.G.A.1 19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	17	Part B: $\frac{3}{5}$ plotted on number line divided into 5 equal parts or	4.NF.A.1	
19 A 4.NF.C.7 20 P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 c = 12 × 16 or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1				
P 4.NF.B.3d Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	18	top and bottom sides are circled (parallel sides)	4.G.A.1	
Subpart 3 21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 c = 12 × 16 or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	19		4.NF.C.7	
21 point plotted at 0.85 4.NF.C.6 22 not equal, not equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	20	P	4.NF.B.3d	
22 not equal, not equal, equal, equal 4.NF.B.3b 23 380 4.OA.A.2 24 $c = 12 \times 16$ or other equivalent equation; 192 4.NBT.B.5 25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	Subpart 3			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	21	point plotted at 0.85	4.NF.C.6	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	22	not equal, not equal, equal	4.NF.B.3b	
25 C 4.OA.A.1 26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	23	380	4.OA.A.2	
26a 135 4.OA.A.3 26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	24	c=12 imes 16 or other equivalent equation; 192	4.NBT.B.5	
26b S 4.NF.B.3d 26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	25	С	4.OA.A.1	
26c A, C, D 4.OA.A.3 26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	26a	135	4.OA.A.3	
26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	26b	S	4.NF.B.3d	
26d 240 4.OA.A.3 26e P 4.OA.A.3 31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	26c	A, C, D	4.OA.A.3	
31 C 4.NBT.B.5 32 8 out of 10 squares shaded 4.NF.A.1	26d	240	4.OA.A.3	
32 8 out of 10 squares shaded 4.NF.A.1	26e	P	4.OA.A.3	
	31	С	4.NBT.B.5	
less than, less than, greater than, greater than, less than 4.NBT.A.2	32	8 out of 10 squares shaded	4.NF.A.1	
	33	less than, less than, greater than, greater than, less than	4.NBT.A.2	

Tennessee Comprehensive Assessment Program TCAP TNReady—Math Grade 4 | Practice Test

