Florida Standards Assessments

Grade 5
FSA Mathematics
Practice Test Answer Key

The Grade 5 FSA Mathematics Practice Test Answer Key provides the correct response(s) for each item on the practice test. The practice questions and answers are not intended to demonstrate the length of the actual test, nor should student responses be used as an indicator of student performance on the actual test.

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Session 1

1. The product of the following expression is 34,572.

$$\begin{array}{r} 402 \\ \times \quad \square 6 \\ \hline \end{array}$$

What is the missing digit?

Ⓐ 0
Ⓑ 1
Ⓒ 7
● 8

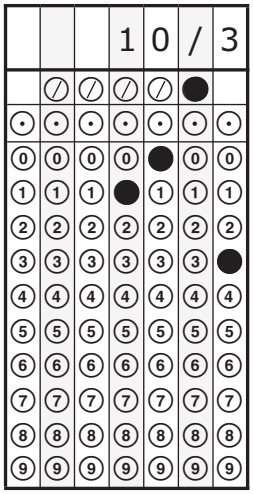
2. What is the value of $8 \div \frac{1}{5}$?

Ⓐ $\frac{8}{5}$
Ⓑ $\frac{81}{5}$
Ⓒ 13
● 40

Go On

3. Michael is measuring fabric for the costumes of a school play. He needs 47 feet of fabric. He has $12\frac{1}{3}$ yards of fabric.

How many more **yards** of fabric does he need?



4. Which statements about the values 0.034 and 3.40 are true?

Ⓐ 0.034 is $\frac{1}{10}$ of 3.40.

● 0.034 is $\frac{1}{100}$ of 3.40.

Ⓒ 0.034 is 10 times less than 3.40.

Ⓓ 0.034 is 100 times more than 3.40.

● 3.40 is 100 times more than 0.034.

Go On

5. Kaiya and Deangelo each create a number pattern.

- Kaiya's pattern uses the rule "Add 2" and has a first term of 6.
- Deangelo's pattern uses the rule "Add 4" and has a first term of 5.

Complete the statement that describes the relationship between the two number patterns. For each blank, fill in the circle **before** the word or phrase that is correct.

The two patterns
- Ⓐ have
- ● do not have

terms in common because

Kaiya's pattern has
- Ⓐ only odd
- ● only even
- Ⓒ both odd and even

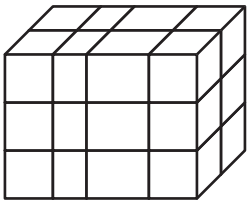
numbers and

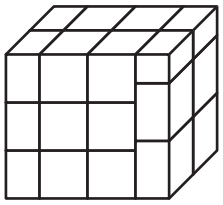
Deangelo's pattern has
- ● only odd
- Ⓑ only even
- Ⓒ both odd and even

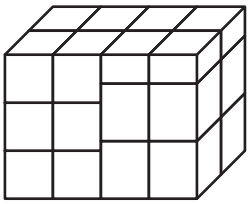
numbers.

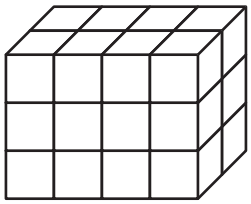
Go On

6. For which solid object can the volume be found only by counting the number of cubes?

Ⓐ 

Ⓒ 

Ⓑ 

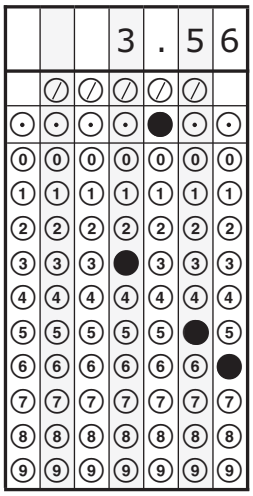
● 

Go On

7. This question has **two** parts.

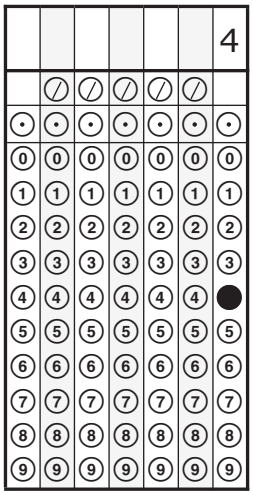
An unknown number is not equal to 3.6 but rounds to 3.6 when rounded to the nearest tenth.

Part A. What could be the unknown number?



Other correct responses: *3.56, or any value greater than or equal to 3.55 and less than 3.6, or any value greater than 3.6 and less than 3.65*

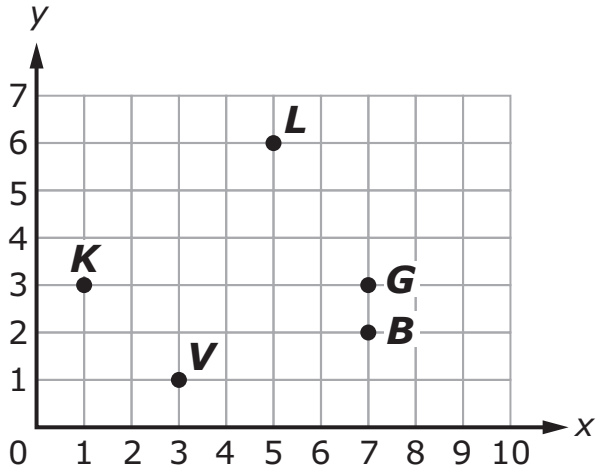
Part B. What does the unknown number round to when rounded to the nearest whole?



Go On

8. The Bailey family is visiting London, England. The points on the coordinate grid represent the locations of places they plan to visit.

Places In London



Key	
B	Buckingham Palace
G	Green Park
K	Kensington Palace
L	London Zoo
V	Victoria and Albert Museum

The Baileys are currently standing at a location exactly halfway between Kensington Palace and Green Park.

Which ordered pair describes the Baileys' location?

Ⓐ (2, 2)

Ⓑ (3, 4)

● (4, 3)

Ⓓ (5, 3)

Go On

9. Fill in circles to match the value of each expression to the correct description.

	Less than 3,827	Equal to 3,827	Greater than 3,827
$3{,}827 \times \frac{5}{8}$	●	Ⓑ	Ⓒ
$3{,}827 \times \frac{8}{3}$	Ⓓ	Ⓔ	●
$3{,}827 \times \frac{8}{8}$	Ⓖ	●	Ⓘ
$3{,}827 \times \frac{3}{5}$	●	Ⓚ	Ⓛ

10. What is the value of the expression 6 × (4 + 3)?

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

Go On

11. Jasmine has $\frac{3}{4}$ cup of flour in a mixing bowl.

After adding more flour to the mixing bowl, Jasmine says that she now has $\frac{5}{8}$ cup of flour.

Which of the following explains why Jasmine's statement is incorrect?

Ⓐ 5 is not a multiple of 3.

Ⓑ 3 is less than 5.

● $\frac{5}{8}$ is less than $\frac{3}{4}$.

Ⓓ $\frac{5}{8}$ is not a multiple of $\frac{3}{4}$.

Go On

This is the end of Session 1.

Session 2

12. An expression is shown.

$$36 \div (4 + 2)$$

Which statement describes this expression?

Ⓐ 36 divided by 4, added to 2

Ⓑ the sum of 4 and 2 divided by 36

● 36 divided by the sum of 4 and 2

Ⓓ the sum of 36 and 4 divided by 2

Go On

13. David multiplies and divides original numbers by powers of 10 to create new numbers.

Original Number	New Number
523	523,000
0.005	5
100	0.001
600	60,000
4.56	4,560
37.9	3,790

Which original numbers were multiplied by 10^3 to create the new numbers?

- ● 523
- ● 0.005
- Ⓒ 100
- Ⓓ 600
- ● 4.56
- Ⓕ 37.9

Go On

14. What is the missing value in the equation?

$$2\frac{3}{12} + \frac{3}{\square} = 2\frac{5}{8}$$

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

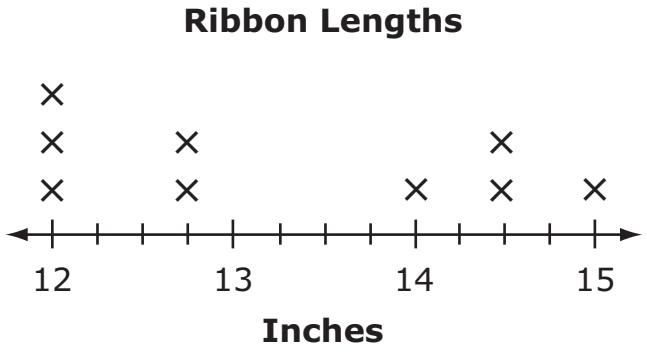
Go On

15. For each attribute, fill in circles to select all the shapes that **always** have that attribute.

	Rectangle	Rhombus	Square	Parallelogram
4 equal-length sides	Ⓐ	●	●	Ⓓ
4 right angles	●	Ⓕ	●	Ⓗ
Exactly one pair of parallel sides	Ⓘ	Ⓙ	Ⓚ	Ⓛ
Exactly two pairs of parallel sides	●	●	●	●

Go On

16. Kelly has nine pieces of ribbon. She recorded the length of each piece in the line plot shown.



What is the total length of the three longest pieces of ribbon?

Ⓐ 43 inches

Ⓑ $43\frac{1}{2}$ inches

● 44 inches

Ⓓ $44\frac{1}{4}$ inches

Go On

17. Which expression could be used to find the quotient of 1,575 ÷ 21?

- ● (1,000 ÷ 21) + (500 ÷ 21) + (70 ÷ 21) + (5 ÷ 21)
- Ⓑ (1,500 ÷ 20) + (75 ÷ 1)
- Ⓒ (1,575 ÷ 21) + (575 ÷ 21) + (75 ÷ 21) + (5 ÷ 21)
- Ⓓ (1,575 ÷ 20) + (1,575 ÷ 1)

18. A right rectangular prism has a volume of 144 cubic centimeters and a height of 4 centimeters.

What are a possible length and width, in centimeters, of the prism?

$V = l \times w \times h$

Length = 12

Width = 3

Other correct responses: *any two values that have a product of 36*

Go On

19. The location of point *M* on the coordinate plane is (2, 7).

Select numbers to describe point *M* on the coordinate plane. For each blank, fill in the circle **before** the number that is correct.

Point *M* is

- Ⓐ 0
- ● 2
- Ⓒ 5
- Ⓓ 7
- Ⓔ 9

units away from the origin in the direction of the *x*-axis.

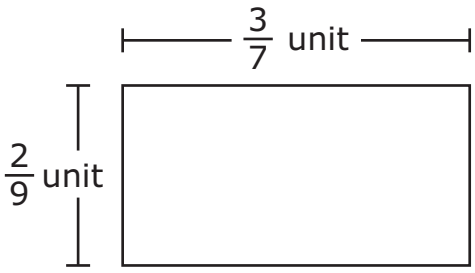
Point *M* is

- Ⓐ 0
- Ⓑ 2
- Ⓒ 5
- ● 7
- Ⓔ 9

units away from the origin in the direction of the *y*-axis.

Go On

20. What is the area, in square units, of the rectangle?



			6	/	6	3
	⊘	⊘	⊘	●	⊘	
⊙	⊙	⊙	⊙	⊙	⊙	⊙
0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	●
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	●	6	●	6
7	7	7	7	7	7	7
8	8	8	8	8	8	8
9	9	9	9	9	9	9

Go On

21. Select all the statements that correctly compare the two numbers.

Ⓐ 1.309 > 1.315

Ⓑ 5.029 > 5.128

Ⓒ 7.25 > 7.255

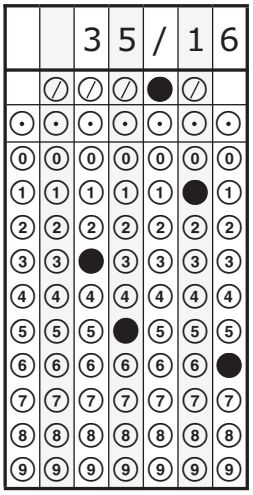
● 2.001 < 2.10

● 9.401 > 9.309

Go On

22. An art teacher gives a total of 35 pounds of clay to her students. She gives each of her 16 students the same amount of clay.

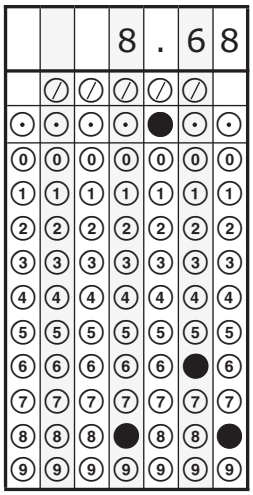
How many pounds of clay does each student get?



Go On

23. Allen ran 5.4 miles on Monday and 3.28 miles on Tuesday.

How many miles did Allen run altogether?



Go On

This is the end of Session 2.

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Florida Department of Education, Tallahassee, Florida
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