

STAAR Spring 2024 Grade 3 Math Answer Key

Item Position	Item Type	TEKS Assessed	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness or Supporting
1	Multiple Choice	3.2.4.A	1	A	2	Readiness
2	Multiple Choice	3.1.2.D	1	D	1	Readiness
3	Inline Choice	3.4.8.A	2	2 dots, 4. See Appendix 1.1	4	Readiness
4	Multiple Choice	3.1.2.B	1	C	1	Supporting
5	Multiple Choice	3.4.9.B	1	B	4	Supporting
6	Multiple Choice	3.3.7.B	1	A	3	Readiness
7	Multiple Select	3.2.5.A	2	B, E See Appendix 1.2	2	Readiness
8	Multiple Choice	3.1.2.C	1	C	1	Supporting
9	Multiple Choice	3.2.4.E	1	A	2	Supporting
10	Inline Choice	3.1.3.C	1	incorrect, out of 7 equal parts. See Appendix 1.3	1	Supporting
11	Multiple Choice	3.2.4.D	1	D	2	Supporting
12	Multiple Choice	3.3.6.B	1	A	3	Supporting
13	Multiple Choice	3.2.5.E	1	B	2	Readiness
14	Multiple Choice	3.4.8.B	1	B	4	Supporting
15	Drag and Drop	3.2.5.B	2	×, × See Appendix 1.4	2	Readiness
16	Multiple Choice	3.3.6.E	1	C	3	Supporting
17	Multiple Choice	3.2.4.B	1	B	2	Supporting
18	Multiple Choice	3.3.7.B	1	A	3	Readiness

19	Multiple Choice	3.4.8.A	1	D	4	Readiness
20	Multiple Choice	3.2.4.K	1	C	2	Readiness
21	Equation	3.3.6.C	1	256 See Appendix 1.5	3	Readiness
22	Multiple Choice	3.2.4.A	1	D	2	Readiness
23	Multiple Select	3.1.3.F	2	C, D See Appendix 1.6	1	Readiness
24	Multiple Choice	3.4.9.D	1	C	4	Supporting
25	Inline Choice	3.1.3.H	2	more of a milkshake than, sixths are larger than eighths. See Appendix 1.7	1	Readiness
26	Multiple Choice	3.2.5.B	1	C	2	Readiness
27	Inline Choice	3.3.6.A	2	more than 5 faces, triangular bases See Appendix 1.8	3	Readiness
28	Multiple Choice	3.2.4.G	1	B	2	Supporting
29	Multiple Choice	3.3.7.D	1	D	3	Supporting
30	Drag and Drop	3.1.2.A	2	ten thousands, hundreds, tens See Appendix 1.9	1	Readiness

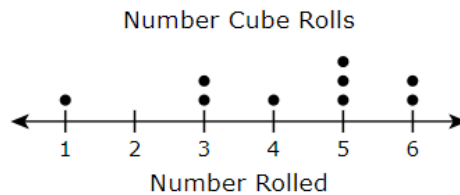
STAAR Spring 2024 Grade 3 Math Appendix

1.1

Ben rolls a number cube 10 times and records the results shown.

6 3 5 4 4 1 5 3 6 5

He then creates the dot plot shown with the results.



Each ● means 1 roll.

Complete the sentence by selecting the correct answers from the drop-down menus.

Ben's dot plot is incorrect because there should be above the number .

1.2

Jada is traveling to visit her aunt who lives 789 miles away. She needs to travel 321 more miles to arrive at her aunt's house.

Which representations can be used to find the number of miles Jada has already traveled?

Select **TWO** correct answers.

$321 - \square = 789$

$321 + \square = 789$

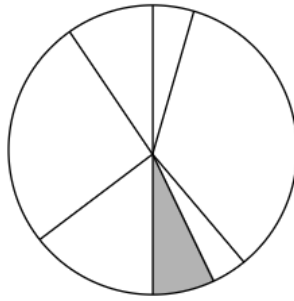
$789 + 321 = \square$

?	
789	321

789	
?	321

1.3

Byron draws the fraction model shown.



He claims that the shaded part represents $\frac{1}{7}$ of the whole model.

Complete the statement to describe Byron's claim.

Choose the correct answer from each drop-down menu to complete the sentence.

Byron's claim is because $\frac{1}{7}$ of a model should be represented by 1 shaded part .

1.4

A sports complex has 4 basketball courts. There are 2 bags of basketballs for each court. Each bag contains 7 basketballs.

Complete the equation to represent the total number of basketballs at the sports complex.

Move the correct answer to each box. Each answer may be used more than once. Not all answers will be used.

4 2 7 =

1.5

Lena draws a rectangle on a grid made of same-sized squares that do not overlap.

- Each square has an area of one square centimeter.
- There are 32 rows in the rectangle.
- Each row has 8 squares.

What is the area of the rectangle in square centimeters?

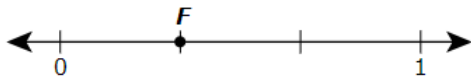
Enter your answer in the space provided.

← → ↶ ↷ ✖

1	2	3
4	5	6
7	8	9
0	$\frac{\square}{\square}$	

1.6

Point F on the number line shown represents a fraction.



Which fractions can be represented by point F ?

Select **TWO** correct answers.

$\frac{1}{2}$

$\frac{2}{3}$

$\frac{1}{3}$

$\frac{2}{6}$

$\frac{2}{4}$

1.7

Serena and Ricky each have a milkshake. The two milkshakes are the same size.

- Serena drinks $\frac{5}{6}$ of her milkshake.
- Ricky drinks $\frac{5}{8}$ of his milkshake.

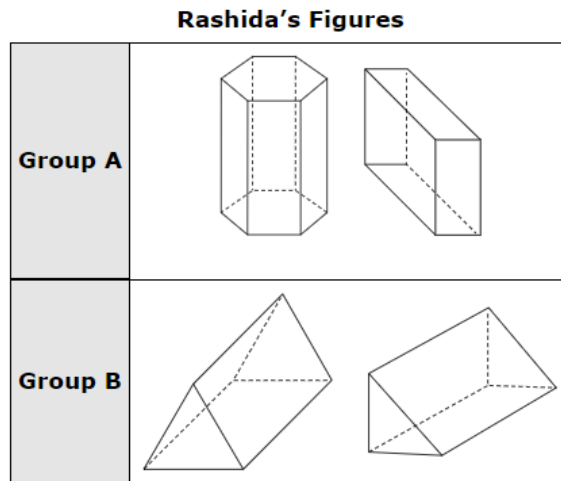
Compare the amounts that Serena and Ricky drink.

Choose the correct answer from each drop-down menu to complete the sentence.

Serena drinks Ricky because

1.8

Rashida groups four figures into two groups.



How did Rashida group the figures?

Choose the correct answer from each drop-down menu to complete the sentences.

The figures in Group A have but the figures in Group B do not.

The figures in Group B have but the figures in Group A do not.

1.9

Create an expression equivalent to 40,280.

Move the correct answer to each box. Not all answers will be used.

4 + 2 + 8