STAAR Spring 2024 Grade 4 Math
Answer Key

Item Position	Item Type	TEKS Alignment	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness or Supporting
1	Multiple Choice	4.4.9.A	1	A	4	Readiness
2	Hot Spot	4.1.2.A	2	26,630; 41,996; 9,633 See Appendix 1.1	1	Supporting
3	Multiple Choice	4.3.8.C	1	A	3	Readiness
4	Multiple Choice	4.2.4.H	1	D	2	Readiness
5	Multiple Choice	4.1.2.G	1	B	1	Readiness
6	Drag and Drop	4.3.6.A	2	Line with a dot on one end and an arrow on the other end, line with one arrow on each end. See Appendix 1.2	3	Supporting
7	Multiple Choice	4.2.5.A	1	D	2	Readiness
8	Multiple Choice	4.1.3.D	1	A	1	Readiness
9	Multiple Choice	4.3.5.D	1	C	3	Readiness
10	Multiple Choice	4.2.5.B	1	D	2	Readiness
11	Drag and Drop	4.1.2.B	2	1,000; 1; 0.1 See Appendix 1.3	1	Readiness
12	Multiple Choice	4.2.4.B	1	A	2	Supporting
13	Multiple Choice	4.3.7.C	1	D	3	Readiness
14	Equation	4.2.3.E	1	$\frac{8}{9}$ See Appendix 1.4	2	Readiness
15	Multiple Choice	4.4.9.B	1	B	4	Supporting

16	Equation	4.3.8.C	1	$4.05 See Appendix 1.5	3	Readiness
17	Multiple Choice	4.1.3.C	1	B	1	Supporting
18	Inline Choice	4.3.7.D	2	P, S See Appendix 1.6	3	Supporting
19	Multiple Choice	4.2.4.A	1	B	2	Readiness
20	Multiple Choice	4.1.2.C	1	C	1	Supporting
21	Multiple Choice	4.4.10.B	1	C	4	Supporting
22	Multiple Choice	4.1.3.D	1	A	1	Readiness
23	Inline Choice	4.2.5.A	2	+, — See Appendix 1.7	2	Readiness
24	Multiple Choice	4.3.5.D	1	D	3	Readiness
25	Drag and Drop	4.2.4.E	2	84, 7, 12 See Appendix 1.8	2	Supporting
26	Multiple Choice	4.1.2.B	1	B	1	Readiness
27	Multiple Choice	4.2.4.F	1	C	2	Supporting
28	Multiple Select	4.3.6.D	2	Figure R, Figure T See Appendix 1.9	3	Readiness
29	Multiple Choice	4.1.2.G	1	D	1	Readiness
30	Multiple Select	4.4.9.A	2	Representation 3, Representation 4 See Appendix 1.10	4	Readiness
31	Multiple Choice	4.3.6.C	1	A	3	Supporting
32	Multiple Choice	4.2.5.B	1	C	2	Readiness

STAAR Spring 2024 Grade 4 Math Appendix

1.1

Each number shown has one digit circled and one digit underlined. In which numbers is the value of the circled digit 10 times the value of the underlined digit?
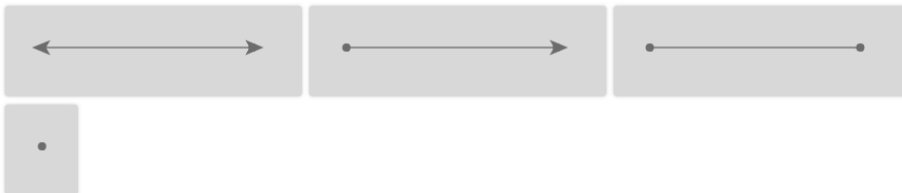
Select **THREE** correct answers.

5,⑤8 2	2⑥ 6 3 0	4 1,⑨9 6
20,②1 2	9, 6③3	⑧4 8

1.2

Complete the table to match the figure with the correct term.

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

Ray	(ray figure)
Line	(line figure)

1.3

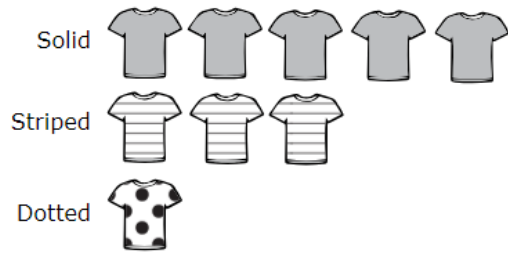How is the number 4,002.7 written in expanded notation?

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

0.1   100   1,000   1,000,000   0.01   10   1   10,000   100,000

(4 × 1,000) + (2 × 1) + (7 × 0.1)

1.4

The number of each type of shirt that Don owns is shown.

Solid

Striped

Dotted

What fraction of the shirts are either solid or striped?

Enter your answer in the space provided.

$$\frac{8}{9}$$

1	2	3
4	5	6
7	8	9
0	.	□/□

1.5

The amount of money Amar has left after buying a snack is shown.

He used a $50 bill to buy the snack.

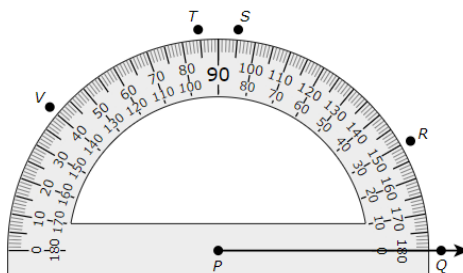How much money does Amar spend on the snack in dollars and cents?

Enter your answer in the space provided.

$ 4.05

1.6

Clayton uses a protractor to construct an angle that measures 85°. He first draws ray *PQ* as shown.

How should Clayton complete the angle?

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

To complete the 85° angle, Clayton should draw another ray that starts at point P ⌄ and passes through point S ⌄ .

1.7

Carolyn and David each own a flower shop. Carolyn has 156 red tulips and 142 yellow tulips in her shop. Carolyn has 39 more tulips in her shop than David has in his shop.
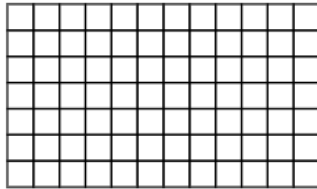
Create an equation that can be used to find the number of tulips, t, David has in his shop.

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

$t = 156$ [+ ‎ ⇕] 142 [− ‎ ⇕] 39

1.8

An array is shown.

What equation can be used to find the number of unit squares in each row of the array?

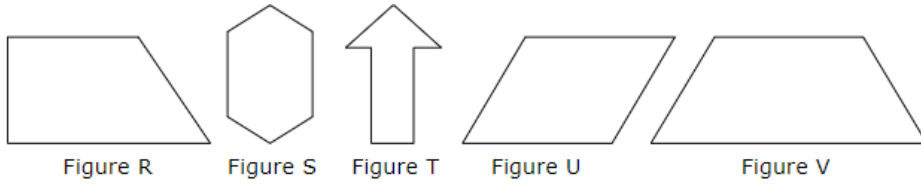Move the correct answer to each box. Not all answers will be used.

| 7 | 8 | 12 | 19 | 38 | 84 |

$84 \div 7 = 12$

1.9

A group of figures is shown.

Figure R   Figure S   Figure T   Figure U   Figure V

Which figures appear to have at least one pair of perpendicular sides?

Select **TWO** correct answers.

- ☑ Figure R
- ☐ Figure S
- ☑ Figure T
- ☐ Figure U
- ☐ Figure V

1.10

The list shows the number of peaches that were in each of 14 baskets.

32   26   34   28   46   31   25   30   27   23   28   41   36   29

Which representations show the same data as the list?

Select **TWO** correct answers.

☐ Peaches in Baskets

Stem	Leaf
2	3 5 6 7 8 9
3	1 2 4 6
4	1 6

2|7 means 27 peaches.

☐ Peaches in Baskets

Stem	Leaf
2	7
3	5
4	2

2|7 means 27 peaches.

☑ Peaches in Baskets

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

2|7 means 27 peaches.

☑ **Peaches in Baskets**

Number of Peaches	Number of Baskets
20–29	ＴＨＬ | |
30–39	ＴＨＬ
40–49	| |

☐ **Peaches in Baskets**

Number of Peaches	Number of Baskets
20–29	ＴＨＬ |
30–39	ＴＨＬ
40–49	| |