

STAAR Spring 2025 Grade 4 Mathematics Answer Key

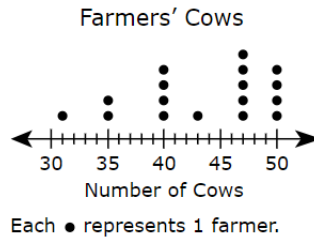
Item Position	Item Type	TEKS Assessed	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness or Supporting
1	Multiple Choice	4.3.8.C	1	A	3	Readiness
2	Drag and Drop	4.4.9.A	2	2, 4, 5 See Appendix 1.1	4	Readiness
3	Multiple Choice	4.2.4.B	1	D	2	Supporting
4	Multiselect	4.3.7.C	2	First option, Third option See Appendix 1.2	3	Readiness
5	Multiple Choice	4.1.2.B	1	C	1	Readiness
6	Drag and Drop	4.3.6.D	2	2 pairs, 1 pair See Appendix 1.3	3	Readiness
7	Multiple Choice	4.2.4.H	1	A	2	Readiness
8	Multiselect	4.3.6.B	2	Second option, Fifth option See Appendix 1.4	3	Supporting
9	Multiple Choice	4.4.9.B	1	A	4	Supporting
10	Multiselect	4.1.3.C	2	First option, Fourth option See Appendix 1.5	1	Supporting
11	Multiple Choice	4.2.5.A	1	D	2	Readiness
12	Multiple Choice	4.1.2.G	1	B	1	Readiness
13	Multiple Choice	4.1.3.D	1	D	1	Readiness
14	Inline Choice	4.2.5.B	2	+, 20 See Appendix 1.6	2	Readiness
15	Multiple Choice	4.1.3.G	1	C	1	Supporting
16	Multiple Choice	4.3.5.D	1	D	3	Readiness
17	Equation	4.1.2.B	1	9507.41 See Appendix 1.7	1	Readiness
18	Multiple Choice	4.2.4.A	1	B	2	Readiness
19	Multiple Choice	4.1.2.A	1	B	1	Supporting
20	Multiple Choice	4.3.8.B	1	D	3	Supporting

21	Multiple Choice	4.3.8.A	1	C	3	Supporting
22	Multiple Choice	4.1.3.D	1	D	1	Readiness
23	Multiselect	4.2.5.A	2	Second option, Fourth option See Appendix 1.8	2	Readiness
24	Multiple Choice	4.4.9.A	1	D	4	Readiness
25	Multiple Choice	4.2.3.F	1	A	2	Supporting
26	Drag and Drop	4.3.5.D	2	17, 46 See Appendix 1.9	3	Readiness
27	Multiple Choice	4.2.3.E	1	C	2	Readiness
28	Inline Choice	4.4.10.A	1	movies, groceries, changed OR groceries, movies, changed See Appendix 1.10	4	Supporting
29	Multiple Choice	4.2.4.E	1	B	2	Supporting
30	Drag and Drop	4.1.2.G	1	84, 9, 10 OR 84, 90, 100 OR 849, 10 See Appendix 1.11	1	Readiness
31	Multiple Choice	4.2.4.D	1	A	2	Supporting
32	Inline Choice	4.3.8.C	1	3, 20 See Appendix 1.12	3	Readiness

STAAR Spring 2025 Grade 4 Mathematics Appendix

1.1

Maddie asks some farmers how many cows they own. The dot plot shows her results.



Complete the table using the data from the dot plot.

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

0 1 2 3 4 5 17

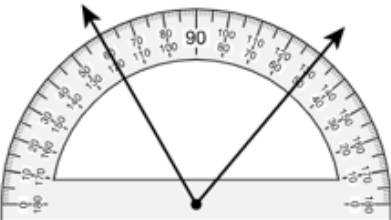
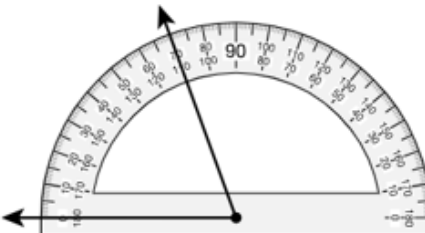
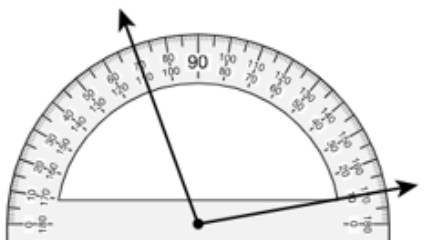
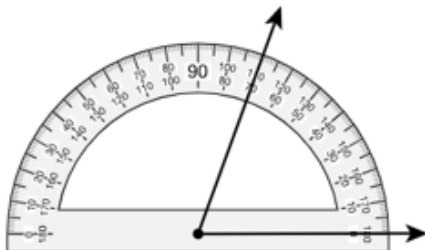
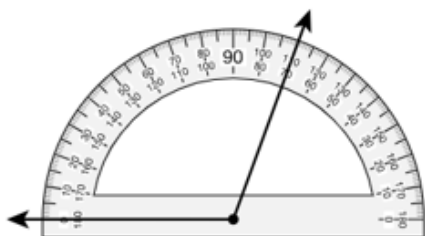
Farmers' Cows

Number of Farmers	1	<input type="text" value="2"/>	<input type="text" value="4"/>	1	<input type="text" value="5"/>	4
Number of Cows	31	35	40	43	47	50

1.2

Which angles appear **NOT** to have a measure of 70° ?

Select **TWO** correct answers.



1.3

Two polygons are shown.



Complete the sentence to describe the polygons.

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

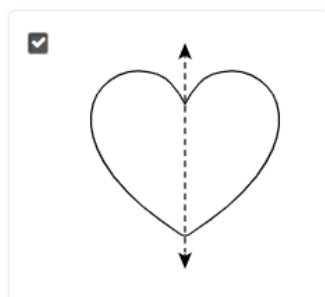
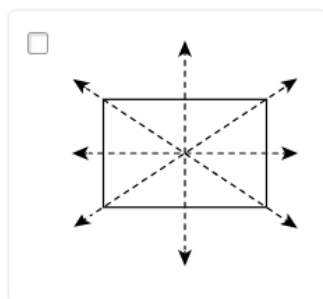
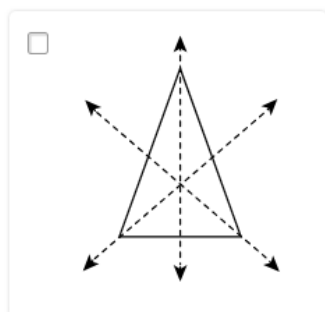
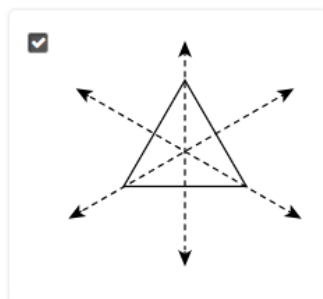
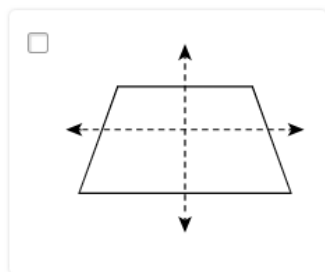
0 pairs 1 pair 2 pairs 3 pairs

Both polygons appear to have **2 pairs** of perpendicular sides and **1 pair** of parallel sides.

1.4

Which shapes appear to have all of their lines of symmetry drawn correctly?

Select **TWO** correct answers.



1.5

Which fractions are equivalent to $\frac{4}{6}$?

Select **TWO** correct answers.

☒ $\frac{8}{12}$

☐ $\frac{3}{5}$

☐ $\frac{5}{7}$

☒ $\frac{2}{3}$

☐ $\frac{6}{8}$

1.6

The table shows a relationship between input numbers and output numbers.

Input	Output
5	25
10	30
15	35
20	40

Create the rule that can be used to find the output number when the input number is given.

Choose the correct answer from each drop-down menu.

Rule:

1.7

A number is shown in expanded notation.

$$(9 \times 1,000) + (5 \times 100) + (7 \times 1) + (4 \times 0.1) + (1 \times 0.01)$$

What is the number in standard form?

Enter your answer in the space provided.

9507.41

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

1.8

There are 187 people on a school trip.

- There are 152 students.
- There are 11 teachers.
- The rest of the people on the trip are parents.

Which representations can be used to find the number of parents, p , on the school trip?

Select **TWO** correct answers.

☐

11	152	187
----	-----	-----

$\overbrace{\hspace{1.5cm}}^p$

☒ $p = 187 - 152 - 11$

☐ $p = 187 + 152 + 11$

☒

152	11	p
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$\overbrace{\hspace{1.5cm}}^{187}$

☐ $p = 152 - 11$

1.9

A rectangle has a width of 6 units and an area of 102 square units.

What are the length and perimeter of the rectangle?

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

34 11 46 23 17

The length is 17 units.

The perimeter is 46 units.

1.10

The table shows Tara's monthly expenses for three months.

Tara's Monthly Expenses

Expense	August	September	October
Groceries	\$212	\$305	\$275
Internet	\$39	\$39	\$39
Housing	\$835	\$835	\$835
Movies	\$12	\$10	\$23

Based on the table, which expenses are variable?

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

Tara's variable expenses were and because the amounts each month.

1.11

Create a mixed number that represents 84.9.

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

$$84.9 = \frac{\boxed{84}}{\boxed{10}} \frac{\boxed{9}}{10}$$

1.12

The table shows the distance in meters that Kiera walks on each of three days.

Distance Keira Walks

Day	Distance Walked (meters)
Tuesday	862
Wednesday	1,235
Thursday	923

How far does Keira walk during those three days in kilometers and meters?

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

km m