

Practice Test – Grade 4 Math Answer Key

Item Position	Item Type	TEKS Alignment	Maximum Number of Points	Correct Answer(s)
1	Multiple Choice	4.2.4.A	1	D
2	Multiple Choice	4.3.8.C	1	A
3	Multiple Choice	4.4.9.A	1	D
4	Multiple Choice	4.3.6.D	1	C
5	Drag and Drop	4.1.2.G	2	2.03, 2.3 See Appendix 1.1
6	Multiple Choice	4.2.5.A	1	A
7	Multiple Choice	4.1.2.B	1	C
8	Hotspot	4.3.6.B	2	Top Right (arrow), Bottom Left (non-regular hexagon) See Appendix 1.2
9	Multiple Choice	4.2.4.H	1	A
10	Multiple Choice	4.3.7.C	1	B
11	Hot Text	4.2.3.E	2	$\frac{3}{12} + \frac{5}{12}$, $\frac{12}{12} - \frac{3}{12} - \frac{5}{12}$ See Appendix 1.3
12	Multiple Choice	4.3.8.C	1	D
13	Multiple Select	4.1.3.D	2	C, D See Appendix 1.4
14	Equation	4.2.4.A	1	3.35 See Appendix 1.5
15	Multiple Choice	4.3.8.B	1	C
16	Multiple Choice	4.1.3.G	1	C
17	Multiple Choice	4.2.5.B	1	D
18	Multiple Choice	4.1.2.H	1	B
19	Multiple Select	4.4.9.A	2	A: 18 C: 20 See Appendix 1.6
20	Multiple Choice	4.2.4.G	1	B
21	Multiple Choice	4.1.2.D	1	A
22	Multiple Choice	4.2.5.A	1	B
23	Hot Text	4.3.5.D	2	Rectangle X: Length: 6 units, Width 4 units Rectangle Y: Length: 10 units, Width 2 units See Appendix 1.7
24	Multiple Choice	4.2.4.E	1	C
25	Multiple Choice	4.4.9.B	1	C
26	Multiple Choice	4.2.4.C	1	A

Item Position	Item Type	TEKS Alignment	Maximum Number of Points	Correct Answer(s)
27	Hot Text	4.3.6.C	2	Obtuse, Right, Acute See Appendix 1.8
28	Multiple Choice	4.4.10.B	1	A
29	Multiple Choice	4.1.2.G	1	B
30	Inline Choice	4.2.3.F	2	More than, Less than See Appendix 1.9
31	Multiple Choice	4.3.6.D	1	D
32	Multiple Choice	4.1.2.B	1	D

Practice Test – Grade 4 Math

Appendix

1.1

Which decimal values are equivalent to the given fractions?

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

2.3	2.03	2.103	0.023	23	0.23
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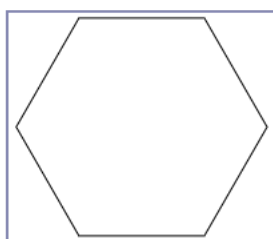
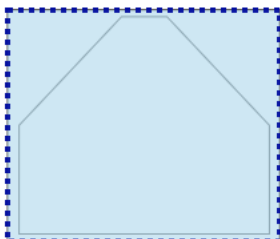
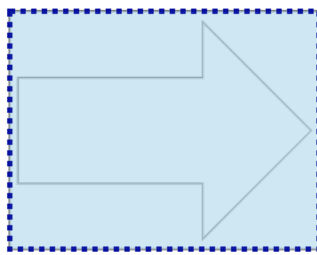
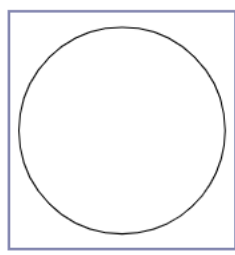
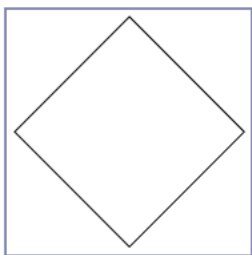
$$2 \frac{3}{100} = \boxed{2.03}$$

$$2 \frac{3}{10} = \boxed{2.3}$$

1.2

Which shapes appear to have exactly one line of symmetry?

Select **TWO** correct answers.



1.3

Clara made three different kinds of gift baskets. Each basket contains fruit, candy, or cookies.

- $\frac{3}{12}$ of the baskets contain fruit.
- $\frac{5}{12}$ of the baskets contain candy.
- The rest of the baskets contain cookies.

Which expression completes each statement to make it true?

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

$\frac{3}{12} + \frac{5}{12}$ $\frac{12}{12} - \frac{3}{12} - \frac{5}{12}$ $\frac{5}{12} - \frac{3}{12}$ $\frac{12}{12} + \frac{3}{12} + \frac{5}{12}$

The fraction of the baskets that contain fruit or candy is $\frac{3}{12} + \frac{5}{12}$.

The fraction of the baskets that contain cookies is $\frac{12}{12} - \frac{3}{12} - \frac{5}{12}$.

1.4

Purnit completed a science challenge in $1\frac{3}{5}$ hours. Hailey completed the same challenge in less time than Purnit.

Which of these could be the amount of time it took Hailey to complete the challenge?

Select **TWO** correct answers.

$1\frac{3}{4}$ hours

$1\frac{2}{3}$ hours

$1\frac{2}{6}$ hours

$1\frac{1}{8}$ hours

$1\frac{6}{10}$ hours

1.5

Rajesh bought 2 salads for \$3.65 each and a sandwich for \$4.35. He gave the clerk \$15.00 to pay for the items.

How much change should Rajesh have received in dollars and cents?

Enter your answer in the box provided.

3.35

← → ↶ ↷ ✕

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

1.6

The list shows the ages of volunteers cleaning up a beach.

13 20 15 16 18 45 41 32 21 47 53 24 18 16

The stem and leaf plot was made to display the data.

Ages of Volunteers

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

2|1 means 21.

Which data are missing from the stem and leaf plot?

Select **TWO** correct answers.

18

12

20

14

51

1.7

Isaac drew two rectangles.

- Rectangle X has a perimeter of 20 units.
- Rectangle Y has an area of 20 square units.

Which measurements could be the dimensions of each rectangle?

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

Length: 10 units
Width: 2 units

Length: 13 units
Width: 7 units

Length: 6 units
Width: 4 units

Length: 10 units
Width: 10 units

Rectangle X:

Length: 6 units
Width: 4 units

Rectangle Y:

Length: 10 units
Width: 2 units

1.8

The table describes three triangles using angle measures. Which term can be used to classify each triangle described in the table?

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

Acute Obtuse Right

Triangles

Triangle	Angle Measures	Classification
Triangle XYZ	Angle $X = 60^\circ$ Angle $Y = 15^\circ$ Angle $Z = 105^\circ$	Obtuse
Triangle ABC	Angle $A = 55^\circ$ Angle $B = 35^\circ$ Angle $C = 90^\circ$	Right
Triangle RST	Angle $R = 65^\circ$ Angle $S = 45^\circ$ Angle $T = 70^\circ$	Acute

1.9

Reza sorted a box of books.

- $\frac{3}{5}$ of the books were mysteries.
- $\frac{1}{3}$ of the books were science fiction.
- The rest of the books were biographies.

How could the books in the box be described?

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

More than $\frac{1}{2}$ half the books in the box were mysteries.

Less than $\frac{1}{2}$ half the books in the box were biographies.