

STAAR Spring 2024 Grade 8 Math Answer Key

Item Position	Item Type	TEKS Alignment	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness or Supporting
1	Multiple Choice	8.3.7.A	1	A	3	Readiness
2	Multiple Choice	8.1.2.D	1	B	1	Readiness
3	Multiple Choice	8.2.5.G	1	A	2	Readiness
6	Multiple Choice	8.3.3.A	1	D	3	Supporting
7	Multiple Choice	8.4.12.C	1	D	4	Supporting
8	Multiple Choice	8.3.7.B	1	B	3	Readiness
11	Multiple Choice	8.2.4.B	1	B	2	Readiness
12	Multiple Choice	8.3.6.A	1	C	3	Supporting
13	Multiple Choice	8.2.5.F	1	B	2	Supporting
14	Drag and Drop	8.3.8.D	2	120°, 60°, 60° See Appendix 1.3	3	Supporting
15	Multiple Choice	8.2.4.C	1	C	2	Readiness
	Multiple Choice	8.4.12.D	1	A	4	Readiness

35

Multiple
Choice

8.3.10.C

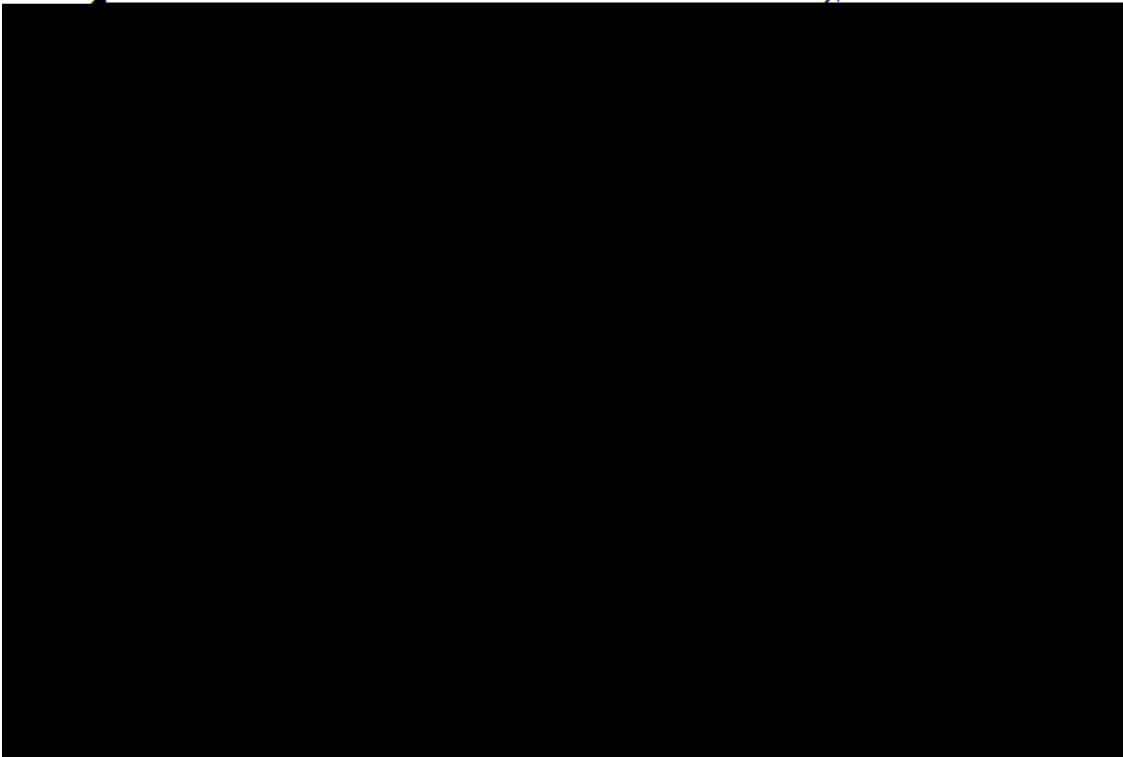
1

D

3

1.3

The figures shown each have a set of parallel lines intersected by a transversal



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



1.4

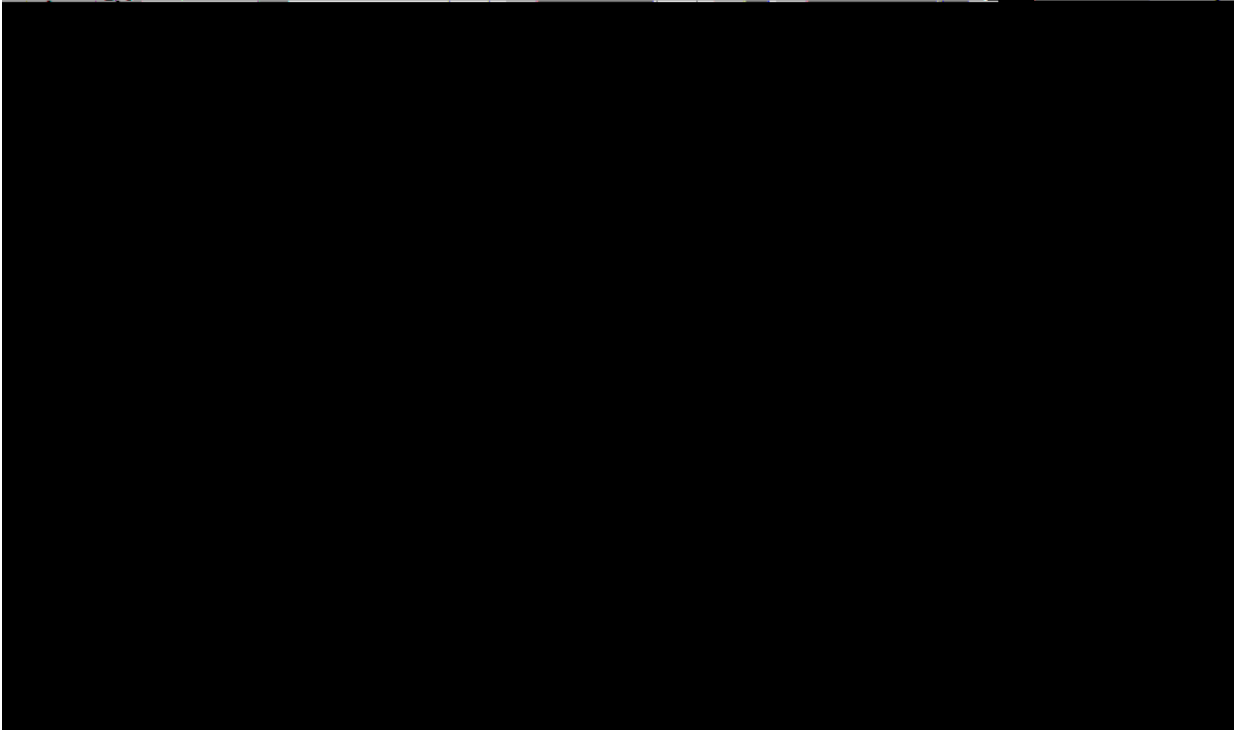
A figure on the coordinate plane is transformed to create a new figure.

Determine which transformation best describes the transformation from figure A to figure B.



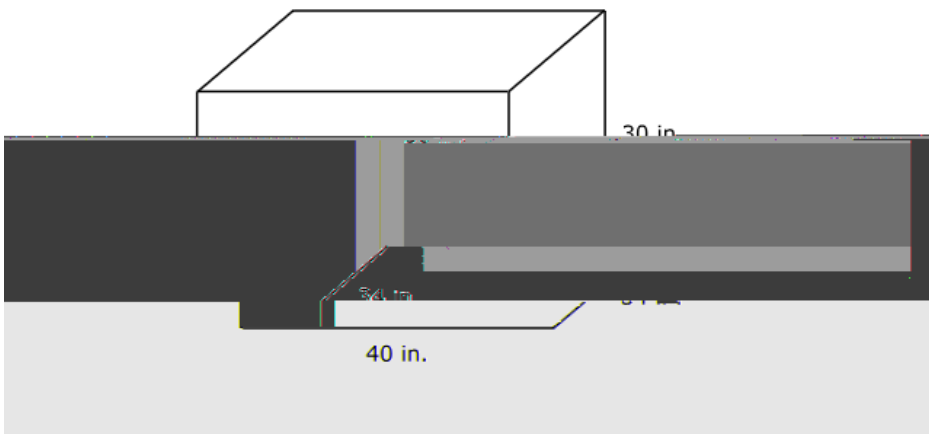
1.5

A segment is graphed on the grid.



1.6

A diagram of a toy box is shown. Its measurements are given in inches.



What is the total surface area of the toy box in square inches?

Enter your answer in the space provided.

7160

1.7

1.8

1.9

Which numbers have a value greater than π ?

Select **TWO** correct answers.

$\frac{8}{3}$

3.14

$\frac{43}{7}$

$\sqrt{9}$

$\sqrt{10}$