Level: 5th

Diagnostics

Subject: Math

A:

$(6+3) \times 10 + 2 =$

A: 92 B: 29

C: 108 D: 39

F:

$(1/3+4/5)$

A: 1 B: 5/8

C: 17/15 D: 5/15

G:

What is the relationship between the two lines?

A: Neither

B: Parallel C Perpendicular

G:

Which coordinate is more to the right on the coordinate plane?

A:(3,35) B:(33,2)

C:(57,1) D:(21,33)

A:

$(9 \times 1/3) + (10 \times 3) =$

A: 3 B: 33

C: 57 D: 21

M:

If a cube has side lengths measured is cm, what is the volume measured in?

A: cm B: in

C: cm^2 D: cm^3

F:

$3/8 =$

A: 0.375 B:.5

C: 2.67 D: 11

N:

Write 238.72 in expanded form.

A:

Add 3 and 8, then multiply by 2, then subtract 4 is written as

A: $3+8 \times 2 -4$ B: $(3+8) \times 2 -4$

C: $3-(4 \times 2) +3$ D: $3-4 \times (2 +3)$

G:

Which coordinate is farther up on the coordinate plane?

A:(3,35) B:(33,2)

C:(57,1) D:(21,33)

A:

4 7 __ 13 16

Find the missing number

A: 9 B: 11

C: 10 D: 12

F:

$(3/8) \times 8 =$

A: 3 B: 8

C: 11/8 D24

N:

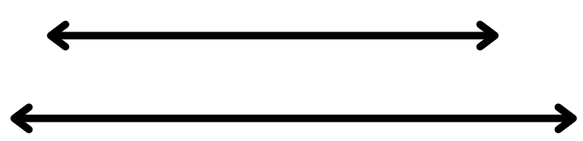
435.22 __ 435.19

Find the missing symbol

A: < B: 11 >

C: =

G:



What is the relationship between the two lines?

A: Neither

B: Parallel C Perpendicular

M:

If a right rectangular prism has a base area of 4 cm^2 and a height of 3 cm, what is the volume?

A: 7 cm^3 B: 1 cm^3

C: 4/3cm^3 D:12cm^3

Level:
5th

Part 2

Subject:
Math

G:
The shape to the right can be identified as all of the following except.

A: quadrilateral B: trapezoid

C: square D: rectangle

A:
x: 4 x (4324 + 34)
y: 4324 + 34

x is how many times larger than y?

A: 2 B: 4

C: 3 D: 32

F:

20 / (1/5)

A:100 B:15

C: 4 D:1/4

F:

212 x (1/2) __ 212 x (2/3)

Find the missing symbol

A: < B:

C: =

G:
All squares are rectangles, but not all rectangles are squares. True or False

True False

A:

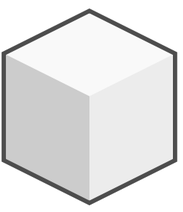
$\frac{0}{0}$ $\frac{4}{5}$ $\frac{8}{10}$ $\frac{12}{15}$ $\frac{x}{y}$

What is the ordered pair (x,y)

A:(15, 20) B:(16, 15)

C:(16, 20) D:(20, 15)

M:



The cube to the left has a side length of 3cm. What is the volume?

A:12cm^3 B:3 cm^3

C: 27 cm^3 D:9cm^3

F:
There is 1/5 of a pizza left among 3 people. If shared equally, how much does each person recieve.

A: 1/15 B3/5

C:1/8 D:4/5

N:
Round 302.35 to the nearest tenths.

A:300 B: 302

C:302.3 D:302.4

N:

12.8 / 3.2

A: 7 B: 4

C: 4.5 D: 7.2

M:
A box has a volume of 64 cm^3. How many boxes with side lengths of 2 cm can fit in the big box?

A: 32 B:8

C: 3 D:66

N:

(12.6/ 4.2)+(7.2x3)

A:23 B:73.9

C: 24.6 D: 8

M:
Box A has side lengths 2cm, 3cm, 4cm. Box B has side lengths 1cm, 4 cm, 8 cm. Which has a larger volume?

A B

N:

63.23 x 7.84 =

A:495.72 B: 293.45

C:532.8 D:345.67

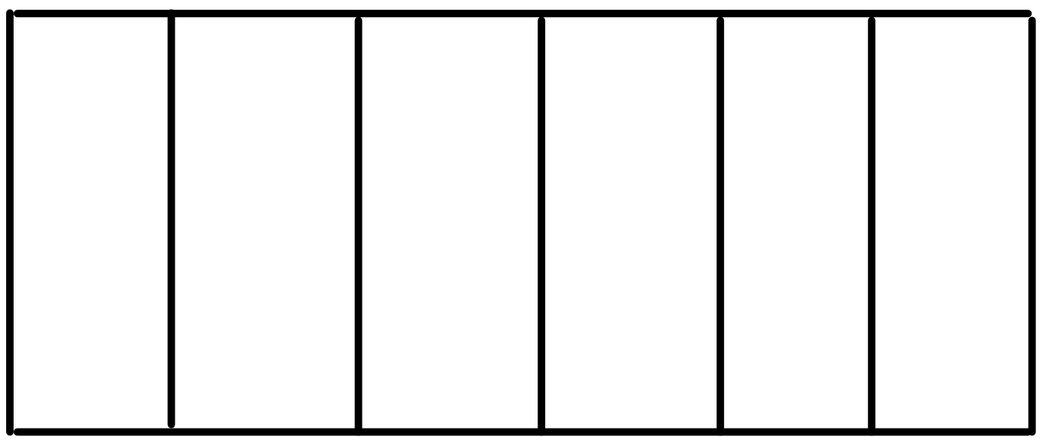
M:
Box A has side lengths 3cm, 3cm, 6cm. Box B has side lengths 5cm, 6 cm, 1 cm. Which has a larger volume?

A B

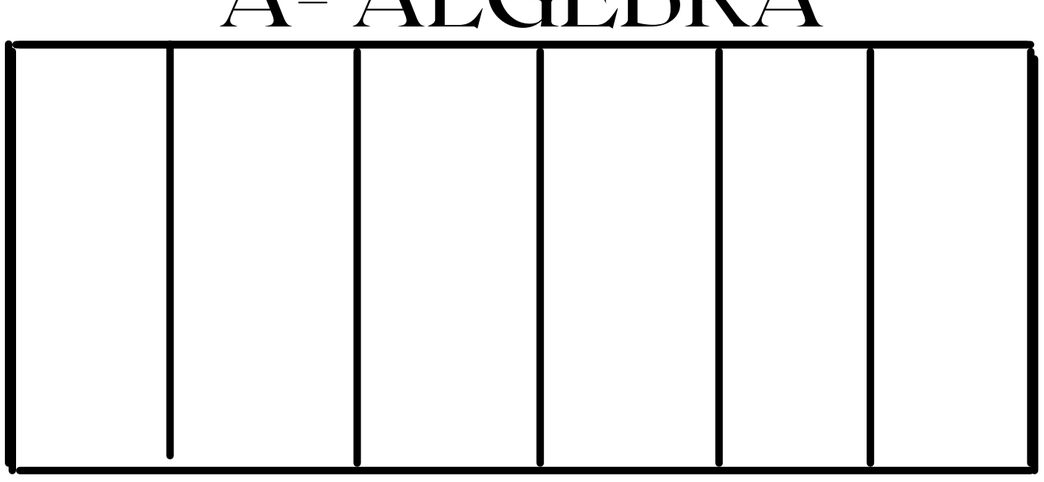
Results!!!

Record the number of correct letters and fill in the bars to see what you know :)

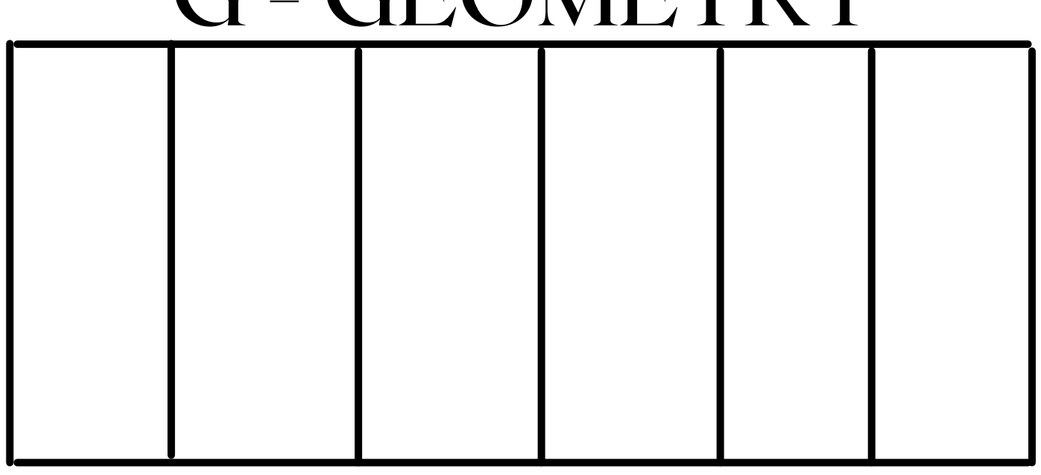
M= MEASURE & DATA



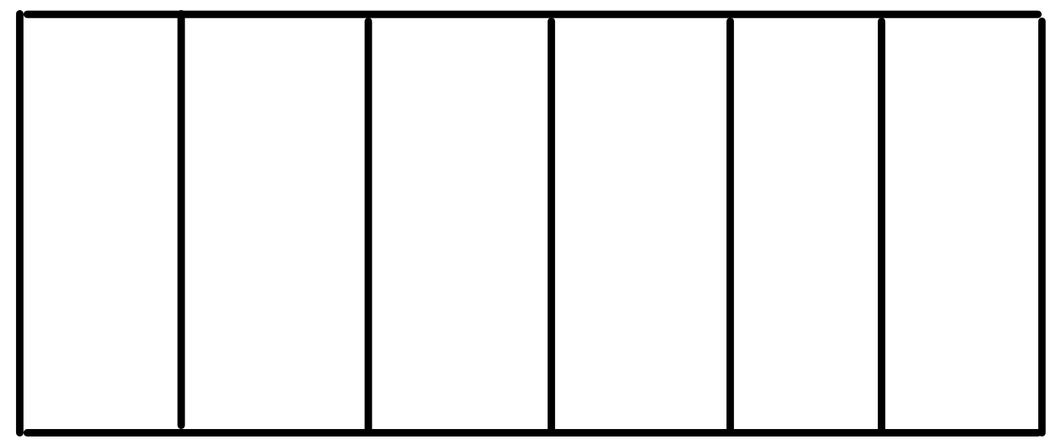
A= ALGEBRA



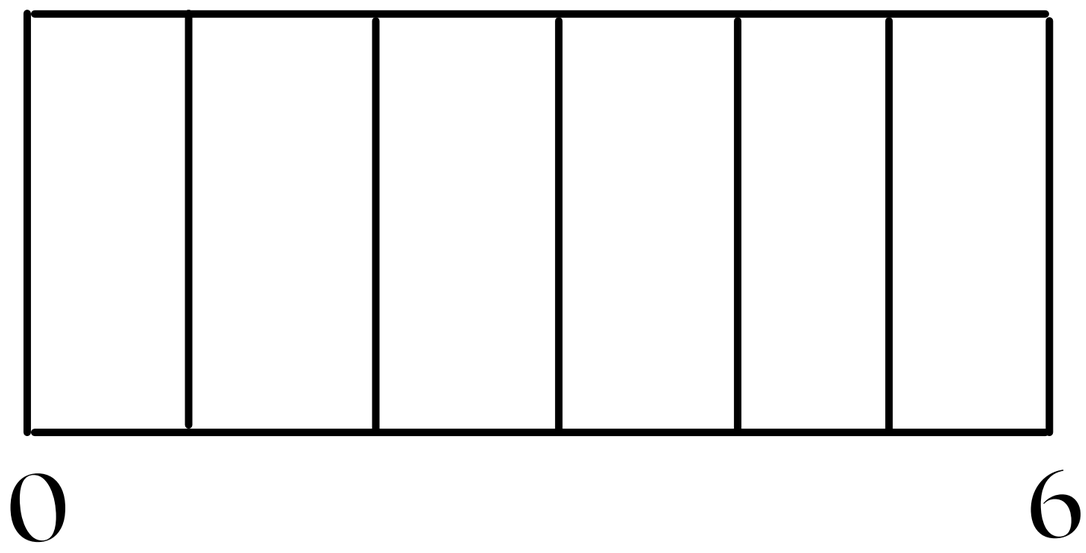
G = GEOMETRY



F= FRACTIONS



N= NUMBERS & OPERATIONS



0-2 Correct = Needs Review
3-4 Correct = Proficient
5-6 Correct = Mastered