

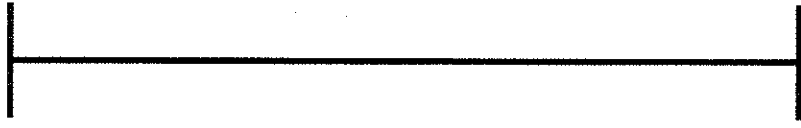
(Suggested points)

Name: Key

3rd Grade: Unit 3 Pre-test

Measure the line segment to the nearest $\frac{1}{2}$ inch.

3.MD.4



1pt
1pt
1pt

- 1) 4 inches
- 2) $4\frac{1}{2}$ inches
- 3) 5 inches

Yes

No

Yes

No

Yes

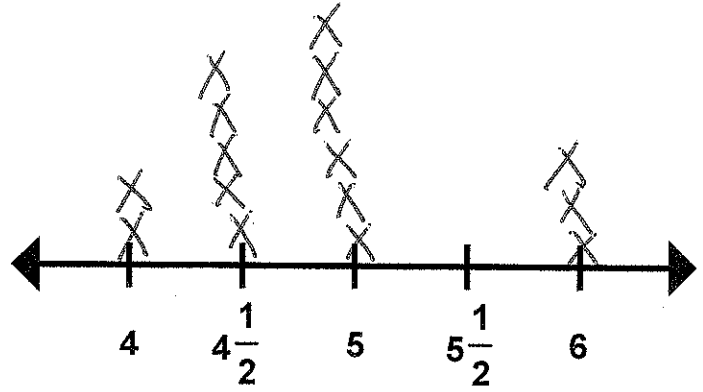
No

The students in the class are using ribbon for a class project. Use the data from the tally chart to create a line plot.

3.MD.4

1pt

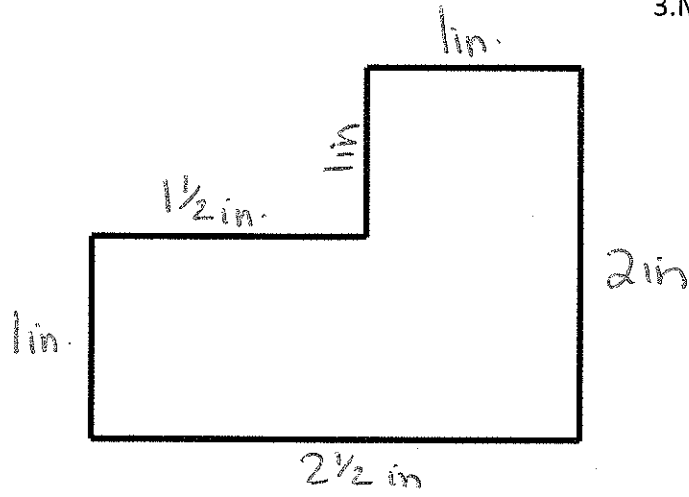
Length of Ribbon In Inches	Tallies for The Number of Children With the Ribbon
4	
$4\frac{1}{2}$	
5	
$5\frac{1}{2}$	
6	



Length of Ribbon in Inches

Measure the sides of the polygon to the nearest $\frac{1}{2}$ inch. Write the measurements by each side.

3.MD.4/3.MD.8



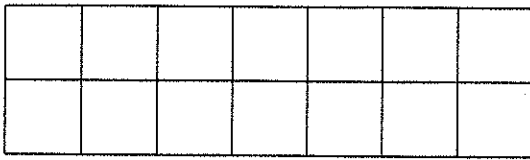
5) The perimeter of the shape measures 9 inches.

2pt

Which rectangles have an area of 15 square units?

3.MD.5 / 3.MD.6

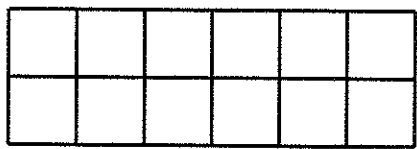
6)
1pt



Yes

No

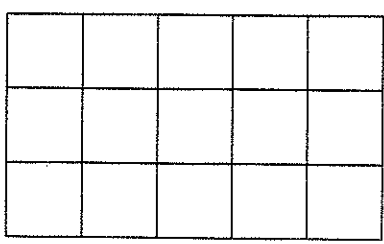
7)
1pt



Yes

No

8)
1pt



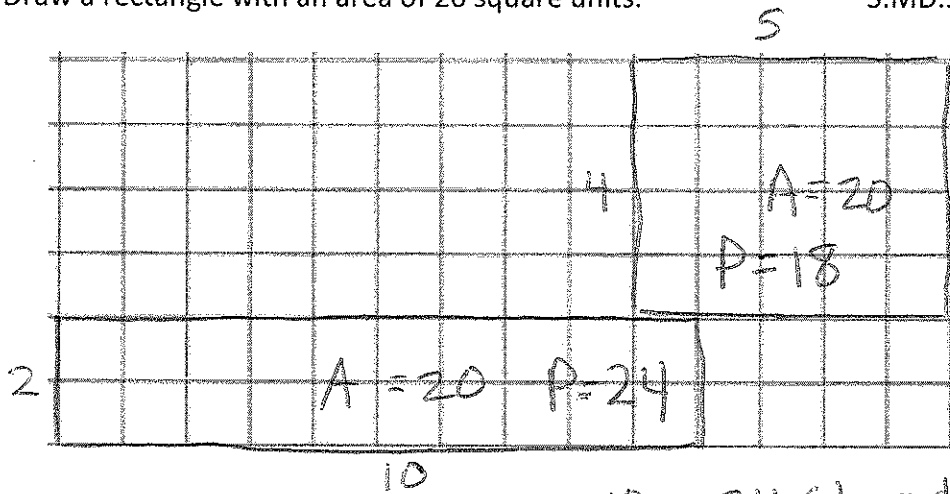
Yes

No

9) Draw a rectangle with an area of 20 square units.

3.MD.5/3.MD.6

1pt



18 or 24 (depends on the rectangle)

10) What is the perimeter of the rectangle you created? _____ units

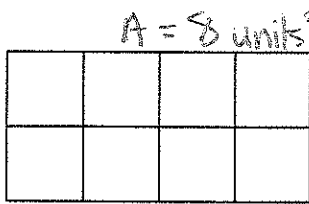
3.MD.8

1pt

11) Do these two rectangles have the same area?

3.MD.5/3.MD.6

2pt

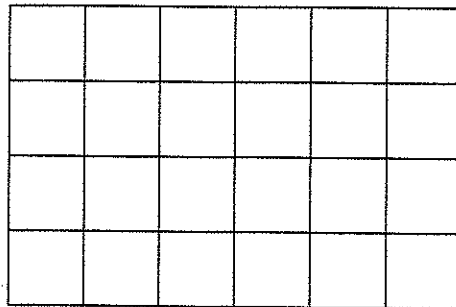


Explain your answer.

No because I counted the units inside each rectangle and they were not the same.

Which number model shows the area of this shape?

3.MD.7



12) 3 x 5

Yes

No

13) 4 x 5

Yes

No

14) 4 x 6

Yes

No

1pt

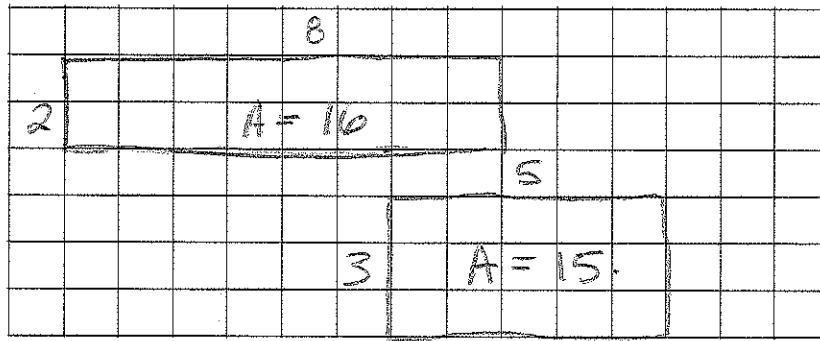
1pt

1pt

15) Draw a 2 x 8 and a 3 x 5 rectangle on the grid paper.

3.MD.7

2pt



16) Which rectangle has more area? Explain how you know.

3.MD.7

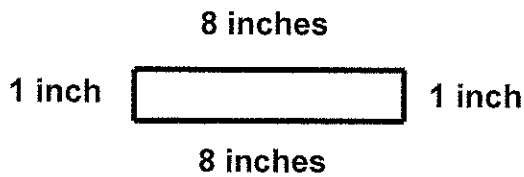
2pt

The 2x8 rectangle has more area than the 3x5 rectangle. I know because I counted the squares inside each rectangle.

Which polygons have a perimeter of 16 inches?

3.MD.8

17)

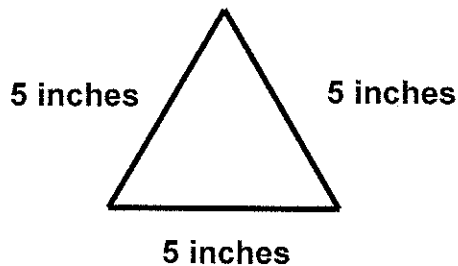


Yes

No

1pt

18)

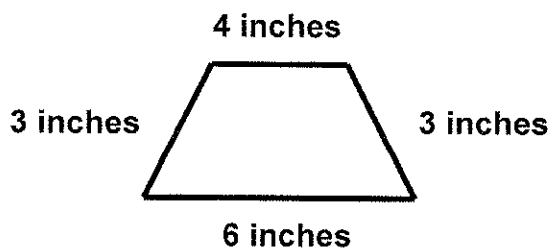


Yes

No

1pt

19)



Yes

No

1pt