GRADE 4 – PRE-TEST UNIT 1
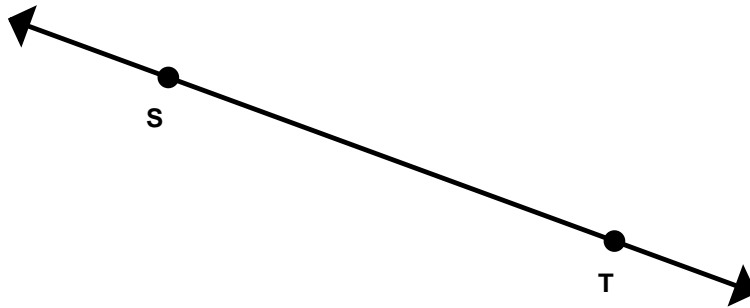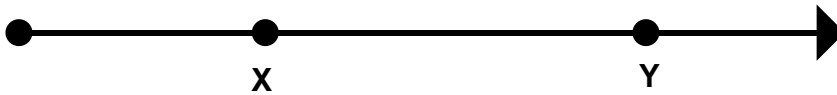
1) Draw $\overleftrightarrow{DP}$ perpendicular to $\overleftrightarrow{ST}$. Draw line segment WX so that it is   4.G.1
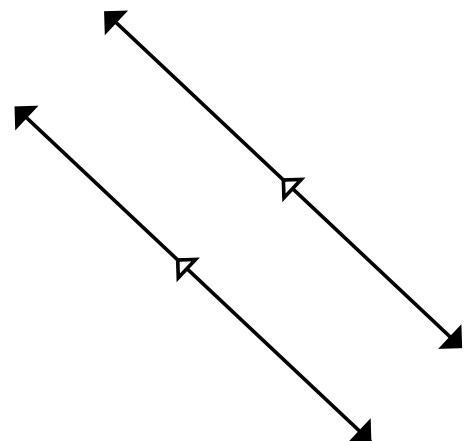parallel to line DP.

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Which of the following names are correct for the geometric figure?   4.G.1

X   Y

		Yes	No
2)	$\overleftrightarrow{XY}$	Yes	No
3)	$\overrightarrow{YX}$	Yes	No
4)	$\overrightarrow{XY}$	Yes	No

5) Are the two lines perpendicular or parallel? Explain how you know.   4.G.1
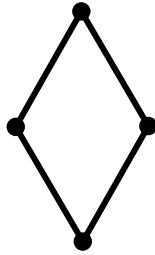
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Examine the figures below. Decide if each statement is correct or incorrect.   4.G.2

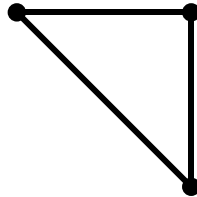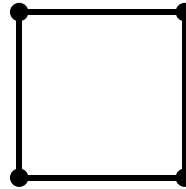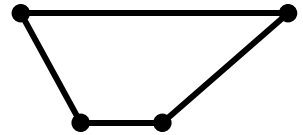Rectangle   Rhombus   Right Triangle   Square   Trapezoid

6)   a trapezoid always has at least one right angle   Yes   No

7)   a square has perpendicular sides   Yes   No

8)   a rhombus has two pairs of parallel sides   Yes   No

9)   Draw a polygon with at least one set of parallel sides and exactly two right angles.   4.G.2
       Mark the right angles with a square corner symbol.

10)   Is the polygon you drew a rectangle?   _____   4.G.2
       Explain your thinking.

       _____

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