TRAPEZOIDS AND KITES

I. DO/ANSWER THE FOLLOWING ON PP. 290-291:

7. _____ **8.** _____

9. _____ **10.** _____

11. _____ **12.** _____

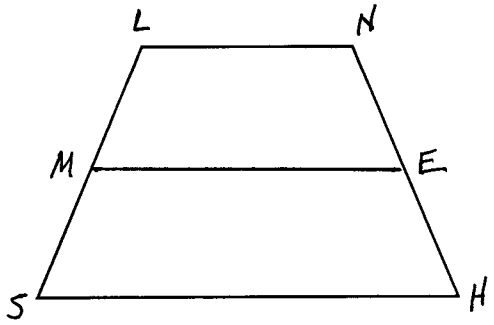
29. **30.**

31. **32.**

33. **34.**

II. COMPLETE THE CHART:

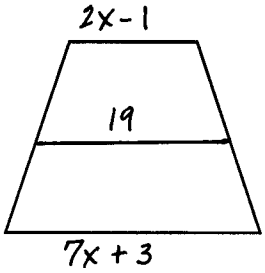
	LN	ME	SH
1.	10		20
2.	4	8	
3.		4.6	5.2
4.	2 1/6		5 2/3



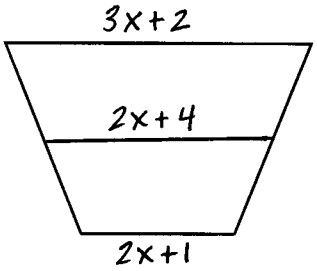
Given: Trapezoid LNHS with Midsegment ME

III. EACH DIAGRAM SHOWS A TRAPEZOID AND ITS MIDSEGMENT; FIND X:

1.



2.



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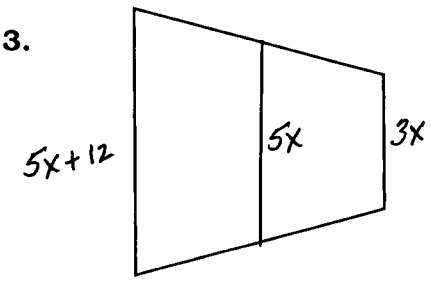

IV. GIVEN TRAPEZOID TRAP WHERE T(-6, 4), R(-2, 4), A (6,-2), P (-8, -2), USE THE DISTANCE FORMULA TO FIND THE LENGTH OF THE MIDSEGMENT:

V. DRAW A QUADRILATERAL OF THE TYPE NAMED. JOIN, IN ORDER, THE MIDPOINTS OF THE SIDES. WHAT SPECIAL KIND OF QUADRILATERAL DO YOU GET?

1. Rhombus

2. Rectangle

3. Isosceles Trapezoid

4. NonIsosceles Trapezoid

4. Quadrilateral with no congruent sides

5. Kite