

**Assignment: Geometry Practice Test 1**

Name: \_\_\_\_\_

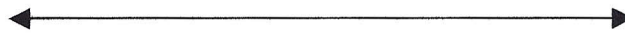
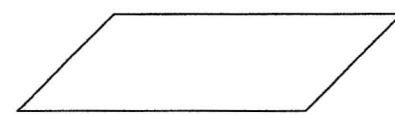
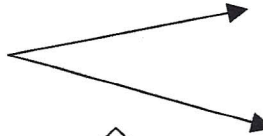
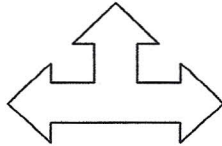

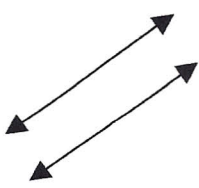

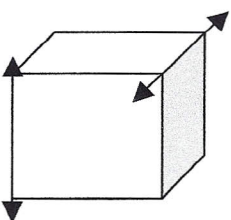
Vocabulary, Segment Addition, Distance Formula, Midpoint Formula

**Match the word to its essential characteristics.**

1. Has **no** beginning and **no** end. One dimensional. \_\_\_\_
2. Lines that never cross. Are coplanar. \_\_\_\_
3. 2 dimensional. Flat surface. \_\_\_\_
4. Happens every time two lines or other things intersect. \_\_\_\_
5. Has 2 endpoints, a beginning and end. Part of a line. \_\_\_\_
6. Lines that never cross. Are NOT coplanar. \_\_\_\_
7. Lines that cross and make a right angle. \_\_\_\_
8. Has a beginning but **no** end. One endpoint. \_\_\_\_

- A. Angle
- B. Line
- C. Parallel Lines
- D. Perpendicular Lines
- E. Plane
- F. Line Segment
- G. Skew Lines
- H. Ray

**Match each example to the word that best describes it.**

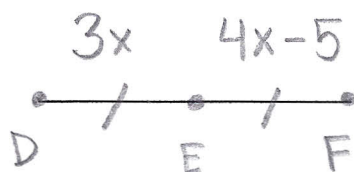
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| <p>9. </p> <p>10. </p> <p>11. </p> <p>12. </p> | <p>13. </p> <p>14. </p> <p>15. </p> <p>16. </p> |
|---|--|

17. Which vocabulary word best represents the situation: a person standing on the ground

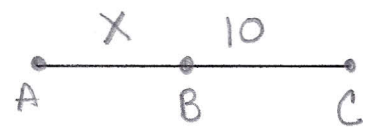
**Segment Addition Postulate**

18. What is the length of AB?

$AC = 28$

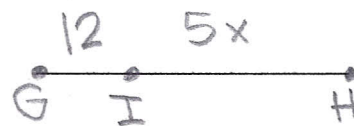


19. What is the length of DE?



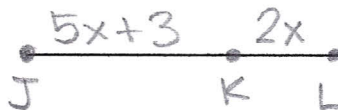
20. What is the length of GH?

$$GH = 7x - 4$$

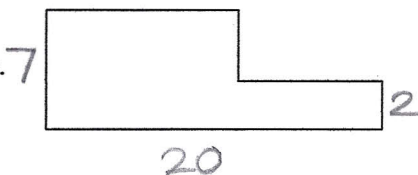


21. What is the length of KL?

$$\overline{JL} = 17$$



**Bonus:** Find the perimeter of the figure.



### Distance Formula and Midpoint Formula

22. What is the midpoint of MO?

O (20, 15)

23. What is the length of MO?

M (14, 5)

24. How far is it from R to S?

R (16, 2)

S (23, -5)

25. What are the coordinates of V?

