

EXERCISES

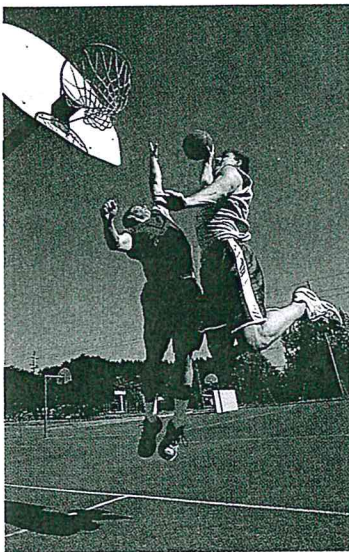
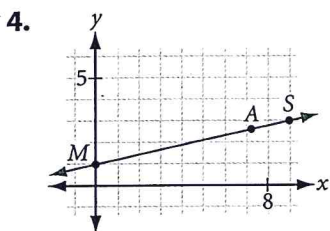
Glue into notebook.
Write answers in notebook.

HW#3

2-12, 21-27

1. Identify the models in the photos below for point, segment, plane, collinear points, and coplanar points.

For Exercises 2-4, name each line in two different ways.



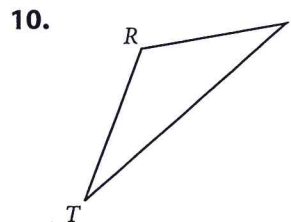
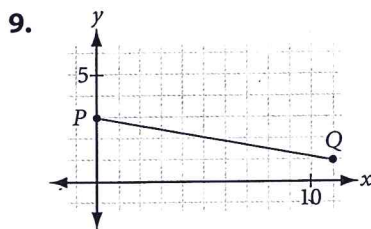
For Exercises 5-7, draw two points and label them. Then use a ruler to draw each line. Don't forget to use arrowheads to show that it extends indefinitely.

5. \overleftrightarrow{AB}

6. \overleftrightarrow{KL}

7. \overleftrightarrow{DE} with $D(-3, 0)$ and $E(0, -3)$

For Exercises 8-10, name each line segment.



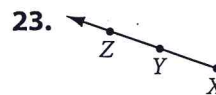
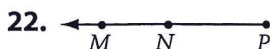
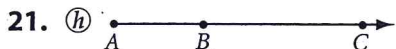
For Exercises 11 and 12, draw and label each line segment.

11. \overline{AB}

12. \overline{RS} with $R(0, 3)$ and $S(-2, 11)$

For Exercises 13 and 14, use your ruler to find the length of each line segment to the nearest tenth of a centimeter. Write your answer in the form $m\overline{AB} = \underline{\quad}$.

For Exercises 21-23, name the ray in two different ways.



For Exercises 24-26, draw and label each ray.

24. \overrightarrow{AB}

25. \overrightarrow{YX}

26. \overrightarrow{MN}

27. Draw a plane containing four coplanar points $A, B, C,$ and $D,$ with exactly three collinear points $A, B,$ and $D.$