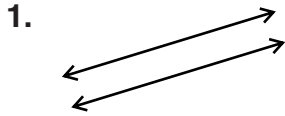


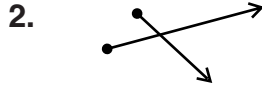
Name \_\_\_\_\_ Date \_\_\_\_\_

## Lines: Intersecting and Parallel

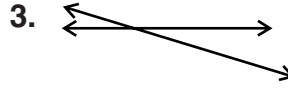
Identify each pair of geometric figures as *intersecting* or *parallel*.



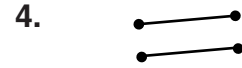
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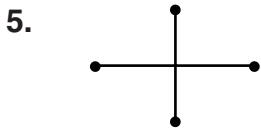
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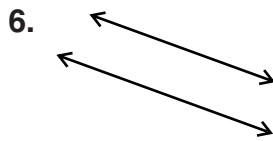
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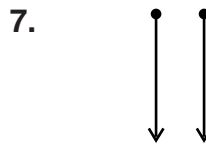
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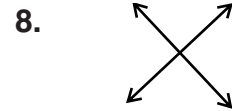
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Draw each.

9. two parallel lines

10. two intersecting rays

11.  $\overrightarrow{AB} \parallel \overrightarrow{CD}$

12.  $\overline{XY} \parallel \overline{RS}$

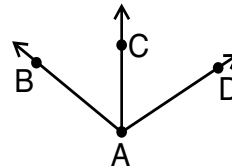
13.  $\overline{GH}$  and  $\overline{JK}$  that do not intersect

14.  $\overline{PQ}$  intersecting  $\overline{RS}$  at point  $T$

15. 3 lines intersecting at point  $X$

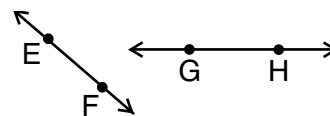
### PROBLEM SOLVING

16. Look at the figure at the right. Are  $\overrightarrow{AB}$ ,  $\overrightarrow{AC}$ , and  $\overrightarrow{AD}$  intersecting, parallel, or neither? Explain your answer.



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17. Use the figure at the right. Are  $\overleftrightarrow{EF}$  and  $\overleftrightarrow{GH}$  intersecting, parallel, or neither? Explain your answer.



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