



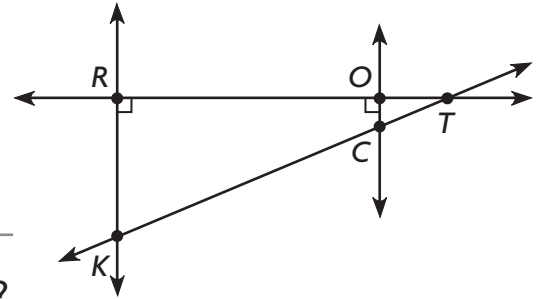
Identify and Draw Perpendicular and Parallel Lines

Use the figure for Problems 1–3.

- 1** Which two pairs of lines are perpendicular?

- 2** Which pair of lines appears to be parallel?

- 3** Lines \overleftrightarrow{RO} and \overleftrightarrow{KC} intersect at what point?

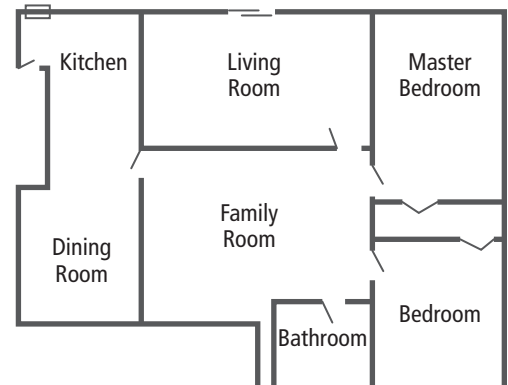


Draw and label the figure described.

- 4** \overleftrightarrow{CA} intersecting \overleftrightarrow{DO} at point T **5** $\overleftrightarrow{HO} \parallel \overleftrightarrow{US}$ and $\overleftrightarrow{SN} \perp \overleftrightarrow{US}$

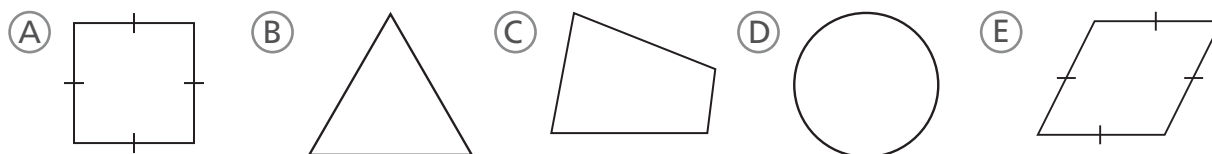
- 6 Math on the Spot** Name a pair of line segments that appears to be parallel.

- 7** **MP Reason** Cindy walks on James Street and then turns at a right angle to walk on Hallowell Street. What can you say about James Street and Hallowell Street?



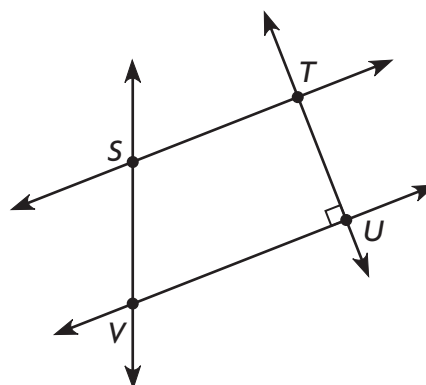
Test Prep

- 8 Which shapes appear to have parallel sides? Select all that apply.



- 9 Which pair of lines are perpendicular?

- (A) \overleftrightarrow{ST} and \overleftrightarrow{VU}
 (B) \overleftrightarrow{SV} and \overleftrightarrow{ST}
 (C) \overleftrightarrow{TU} and \overleftrightarrow{VU}
 (D) \overleftrightarrow{VS} and \overleftrightarrow{UT}



- 10 A piano keyboard has a total of 88 keys. Which best describes the relationship the black keys have with each other?



- (A) The black keys intersect each other.
 (B) The black keys are parallel to each other.
 (C) The black keys are perpendicular to each other.
 (D) The black keys are neither parallel nor perpendicular to each other.

Spiral Review

- 11 Mary made a total of 93 points from 3-point shots during the basketball season. How many 3-point shots did Mary make?

- 12 Estimate the product.

$$4 \times 361$$
