

|  |  |
| --- | --- |
| Refer to the figure at the right to answer the following.1) Name a segment parallel to . | 1) \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 2) Name a segment skew to  | 2) \_\_\_\_\_\_\_\_\_\_\_\_ |
| 3) Name a plane parallel to *QRUST* | 3)\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Use the drawing at the right to name the pair of angles described from the word box.

Then CIRCLE the *relationship* ***congruent or supplementary***



4) $<6 and <3 \\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$

Congruent Supplementary

5) $<4 and <8\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$

Congruent Supplementary

6) $<9 and <12\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$

Congruent Supplementary

7) $<7 and <13\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$

Congruent Supplementary

8) $<5 and <7\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$

Congruent Supplementary

Same Side Interior

Corresponding

Alternate Interior

Alternate Exterior

Vertical

Linear Pair

|  |  |
| --- | --- |
| In the figure, . Find the measure of each angle. 9)  10)  |  |
|  |  |
| 11) *Name* the special angle pair shown and describe their *relationship* in the drawing. Then solve for x. Image result for corresponding angles algebraa) | Name\_\_\_\_\_\_\_\_\_\_\_\_Relationship\_\_\_\_\_\_\_\_\_\_x=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |
| b)  | Name\_\_\_\_\_\_\_\_\_\_\_\_Relationship\_\_\_\_\_\_\_\_\_\_x=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |
|  |  |

c) 

 Name\_\_\_\_\_\_\_\_\_\_\_\_

Relationship\_\_\_\_\_\_\_\_\_\_

 x=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_