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| Learning Card # \_\_\_\_\_\_ | Name:  |
| Facts!Perpendicular lines meet at a \_\_\_\_\_\_\_ angle.The symbol for perpendicular is: \_\_\_\_\_\_\_\_\_ Which lines are perpendicular? |  Are the 2 lines perpendicular? If yes, solve for x |
| $\overbar{AB} ⊥ \overbar{CD}$ $$∠ABD=5x+15$$Draw and solve for x.  |  $\overbar{AB} ⊥ \overbar{CD}$, label the intersection point E$$∠CED=7x+6$$$$∠ABC=2(y-6)$$Draw and solve for x and y. |
| Perpendicular Lines |