



I'm not robot



I am not robot!

©b t2C0_1R5e NKquHtraq ESRoCfMtrwyaArheE rLRLECa.A i DAjIFl[^rUiWgMhOtksx TrdensSeFrTvdeide.J+xx +°x What is the name for the angle pair and What is the name for the Parallel Lines and Transversals. For which of the theorems involving parallel lines and transversals is the converse true? If two parallel lines are cut by a transversal, then the pairs of alternate interior angles are congruent. Create your own Honors Geometry Parallel Lines cut by a Transversal. d Parallel Lines and Transversals. Created Date/6/ PM Tags Parallel lines and transversals worksheets can help students identify the different types of angles that can be formed like corresponding angles, vertical angles, alternate interior angles. If two lines are cut by a transversal such that corresponding angles are congruent, then the lines are parallel. Essential Question. Free trial available at Parallel Lines Proof Worksheet. Work with a partner. Write a column or flow proof on your own paper. Given: $l \parallel m$, $\angle 1 = 30^\circ$. Prove: $\angle 2 = 30^\circ$. Given: $l \parallel m$, $\angle 1 = 110^\circ$. Draw a diagram to represent the converse. Create your own worksheets like this one with Infinite Geometry. Section Parallel Lines and Transversals Using Properties of Parallel Lines Find the value of x . Find the measure of each angle indicated. Lines a and b are parallel, so you can use the theorems about parallel lines. Justify your conclusion. Created Date/6/ PM Ideally $x \leq$ parallel, could. Write the converse of each conditional statement. No, that would make the angles $^\circ$ and $^\circ$. Write the converse of 18) Even if the lines in question were not. Work with a partner. Any value other than $x \leq$ parallel, could. ©b t2C0_1R5e NKquHtraq ESRoCfMtrwyaArheE rLRLECa.A i DAjIFl[^rUiWgMhOtksx Answers to Parallel Lines & Transversals Practice 1) corresponding 2) corresponding 3) adjacent 4) alternate interior 5) alternate exterior 6) same-side interior 7) $^\circ$ 8) $^\circ$ Parallel Lines and Transversals Date _____ Period _____ Identify each pair of angles as corresponding, alternate interior, alternate exterior, or consecutive interior) Essential Question. Exploring Converses. $m\angle 4 + (x + 5)^\circ = 180^\circ$ Consecutive Interior Angles Theorem Alternate Interior Angles Theorem. Questions, use Figure Assume l and m . Find the measure of each angle indicated. a $^\circ$ b $(x + 5)^\circ$ SOLUTION By the Vertical Angles Congruence Theorem (Theorem), $m\angle 4 = 110^\circ$. For which of the theorems involving parallel lines and transversals is the converse true? No, that would make the angles $^\circ$ and $^\circ$. Exploring Converses. If two parallel lines are cut by a transversal, then the pairs of alternate exterior angles are congruent. Determine whether the converse is true.