Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_ Fall Picture

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. Two lines that intersect to form right angles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

|  |
| --- |
| 1. If your answer is ***Adjacent*** make the eyes on the pumpkin like this:

   |
| 1. If your answer is ***Perpendicular*** make the eyes on the pumpkin like this:

   |

 | 1. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ triangle has 2

congruent sides.

|  |
| --- |
| 1. If your answer is ***isosceles*** make the nose on the pumpkin like this:

   |
| 1. If your answer is ***scalene*** make the nose on the pumpkin like this:

    |

 |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the ***point*** of the line segment that divides it into two congruent segments.

|  |
| --- |
| 1. If your answer is ***an angle bisector*** make the mouth on the pumpkin like this:

  |
| 1. If your answer is ***midpoint*** make the mouth on the pumpkin like this:

  |

 | 1. \_\_\_\_\_\_\_\_\_\_ angles are always larger

|  |
| --- |
| 1. If your answer is ***obtuse*** color the pumpkin orange.
 |
| 1. If your answer is ***acute*** color the pumpkin yellow.
 |

than Right angles. |
| 1. An equilateral triangle has 3 \_\_\_\_\_\_\_\_ sides.

|  |
| --- |
| 1. If your answer is ***congruent*** color the top of the tree green.
 |
| 1. If your answer is **different** color the top of the tree orange.
 |

 | 1. \_\_\_\_\_\_\_\_\_\_ angles are congruent.

|  |
| --- |
| 1. If your answer is ***straight*** draw 5 red apples in the tree.
 |
| 1. If your answer is ***vertical*** draw 3 red apples in the tree.
 |

 |

Answer the following questions and create the fall picture.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. \_\_\_\_\_\_\_\_\_\_ triangles have three different angles.

|  |
| --- |
| 1. If your answer is ***scalene*** color the trunk of the tree dark brown.

  |
| 1. If your answer is ***isosceles*** color the trunk of the tree green.

  |

 | 1. \_\_\_\_\_\_\_\_\_\_\_\_ triangle is a triangle with 3 acute

angles.

|  |
| --- |
| a)If your answer is ***acute*** draw 4 acorns at the base of the tree trunk.    |
| b)If your answer is ***right*** draw this bird in the tree.   |

 |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ angles add to 90 degrees.

|  |
| --- |
| a)If your answer is ***complementary*** draw this tiny squirrel in the tree hole.  |
| b)If your answer is ***supplementary*** leave the tree hole empty.   |

 | 10. A pentagon had \_\_\_\_\_\_\_\_\_ sides

|  |
| --- |
| a)If your answer is ***ten*** make a sun in the top right corner.   |
| b)If your answer is ***five*** make a cloud in the top right corner.   |

 |
| 1. Intersecting lines form congruent \_\_\_\_\_\_\_\_\_ angles.

|  |
| --- |
| 1. If your answer is ***obtuse*** write “Autumn is Awesome” in the top left corner of picture.
 |
| 1. If your answer is ***vertical*** write “Fall is Fun” in the top left corner of picture.
 |

 | 1. The exterior angles of a polygon add to \_\_\_\_\_\_\_\_\_

degrees.

|  |
| --- |
| 1. If your answer is ***360*** draw 10 leaves on the ground like this:

  |
| 1. If your answer is ***180*** draw 3 squirrels on the ground like this.

  |

 |

Grading Rubric: 12 points total. 1 point deduction for each incorrect question.