Geometry
2-3 Properties

Name: _____

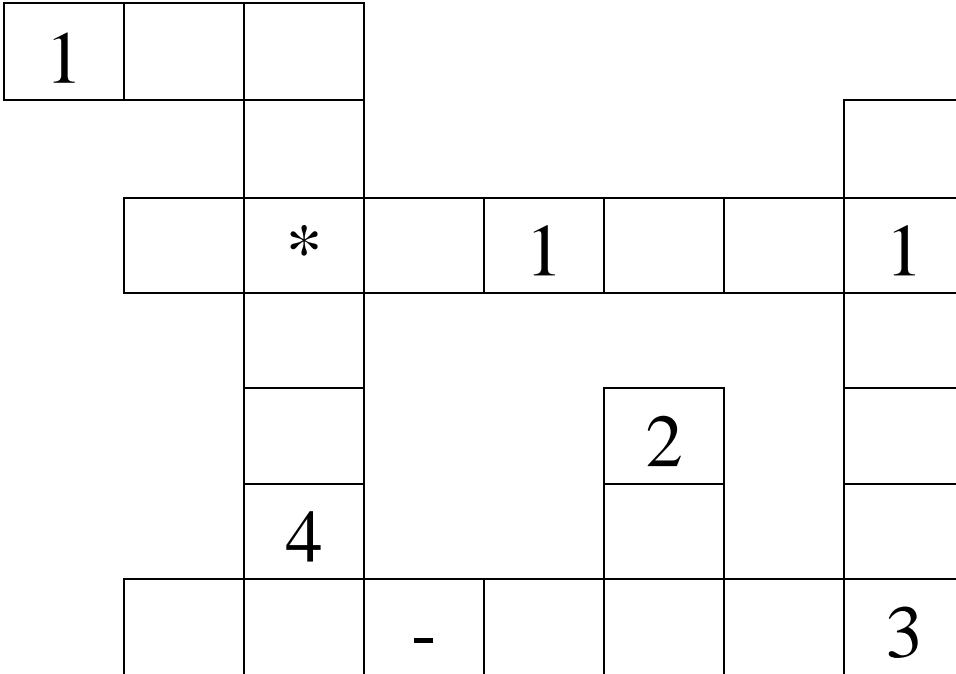Tell what property is demonstrated below.

_____ 1. $AB = AB$

_____ 2.   If AC = YN and AC + 4 = 10, then YN + 4 = 10.

_____ 3.   If AB = XY, then XY = AB

_____ 4.   If XY − 4 = BC, then XY = BC + 4.

_____ 5.   If AB = 2 and 2 = CY, then AB = CY.

_____ 6.   If AB − XY= BC − XY, then AB = BC

_____ 7.   If $\angle XYZ + \angle ABC = \angle ABC + \angle CWH$,
                                    then $\angle XYZ = \angle CWH$.

_____ 8.   If $\angle 1 + \angle 2 = 90$ and $\angle 2 = \angle 5 + \angle 6$,
                                    then $\angle 1 + \angle 5 + \angle 6 = 90$.

_____ 9.   If AB = 6 and AB + BC = XY, then 6 + BC = XY.

_____ 10.   If AB + BC = XY + BC, then AB = XY

_____ 11.   If AB = 6 and AB + BC = 10, then 6 + BC = 10

_____ 12. $\angle AXY = \angle AXY$

_____ 13.   If 5•AB = BC, then AB = $\dfrac{BC}{5}$

_____ 14.   If AB = XY, then AB + BC = XY + BC

_____ 15.   If AB − NP = BC − NP, then AB = BC

_____ 16.   If -1AB = -10, then AB = 10

_____ 17.   If AB = BC and BC = XY, then AB = XY

_____ 18.   If 2 = AB and AB + BC = XY, then 2 + BC = XY

Mabble 4

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				2		
	4					
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| 3 | 3 | 5 | 5 | 7 | / |

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