Assignment #10

Angle Addition Postulate

Name:	Date:	Period:	
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1. D is interior to <ABC. m<ABC = 7x - 2, m<ABD = x + 22, m<DBC = 3x. Solve for x.

2. H is interior to <EFG. m<EFH = 52, m<HFG = 5x - 2, m<EFG = 20x + 5 Solve for x.

3. M is interior to $\langle JKL | m \langle JKL = 12x + 17, m \langle JKM = 7x - 2, m \langle MKL = 7x + 3 \rangle$ Solve for x.

4. Q is interior to <NOP. m<NOQ = 4x - 5, m<QOP = 2x + 8, m<NOP = 5x + 13 Solve for x.

5. ST bisects <RSU. m<RSU = 14x + 4, m<RST = 6x + 3