Honors Geometry Review Quiz 13

Name _____
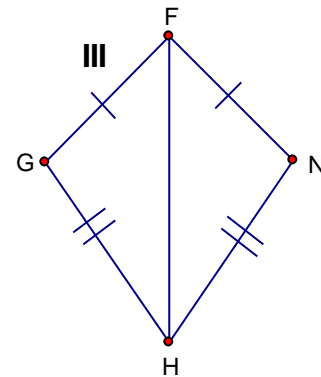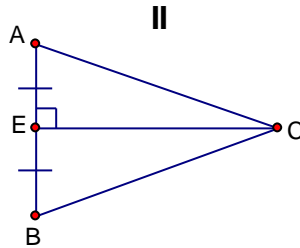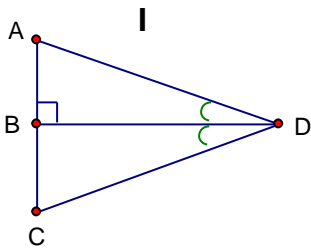
Put all answers in the blank to the left of the question.

_____1.   Which equation would be perpendicular to the $y = -\dfrac{1}{7}x + 3$?

   A. $y = -\dfrac{1}{7}x - 3$ B. $y = \dfrac{1}{7}x + 3$ C. $y = 7x - 5$ D. None of the above

_____2.   If you walk 12 miles due East and then 16 miles due South, how far are you
   from your starting point?
   A. 20 miles   B. 24 miles   C. 28 miles   D. 36 miles

_____3.   Which of the following does not prove congruency?
   A. ASA   B. SSA   C. SSS   D. All prove congruency

_____4.   If in $\triangle CWH$, $\angle W = \angle H$ what can you conclude?
   A. CW = WH   B. CH = CW   C. CH = WH   D. $\angle C = 100°$

_____5.   In picture I above, what allows you to immediately conclude that $\triangle ABD \cong \triangle CBD$?
   A. ASA   B. SAS   C. AAA   D. SAA

_____6.   In picture II above, what allows you to immediately conclude that $\triangle AEC \cong \triangle BEC$?
   A. ASA   B. SAS   C. AAA   D. SAA

_____7.   In picture III above, what allows you to immediately conclude that $\triangle FGH \cong \triangle FNH$?
   A. SSS   B. SAS   C. AAA   D. SAA

_____8.   Which below is a possible measurement for an isosceles triangle?
   A. 4, 4, 8   B. 7, 7, 13   C. 2, 2, 5   D. 1, 1, 2

_____9.   If $\triangle ABC \cong \triangle XYZ, \angle A = 40°, \angle C = 80°$, what is the measurement of $\angle X$?
   A. 40°   B. 70°   C. 80°   D. 60°

_____10.   If ABCD is a parallelogram with $\angle A = 7x$ and $\angle B = 3x - 20$,
   what is the measurement of $\angle C$?
   A. 20°   B. 40°   C. 80°   D. 140°