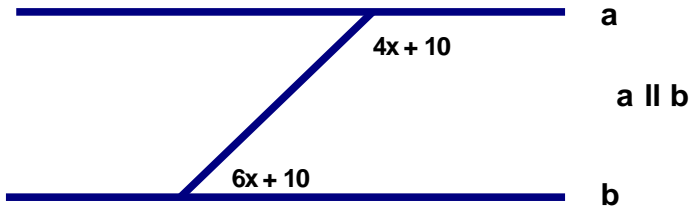


Geometry Review Quiz 1-4 B

Put all answers to the multiple choice questions below. Use Capital Letters, please.

- ____ 1. What is the midpoint of a line that has endpoints at (0, 3) and (6, -1)?
A. (12, 2) B. (3, 1) C. (12, -5) D. (3, 2)
- ____ 2. If X is the midpoint of \overline{CN} and $CX = 2n - 10$, what is CN?
A. $n - 5$ B. $4n - 20$ C. $4n$ D. 40
- ____ 3. If $\angle A$ and $\angle B$ are supplementary angles with $\angle A = 80^\circ$, what is $\angle B$?
A. 10° B. 20° C. 100° D. 120°
- ____ 4. If $AB = 6$ and $AB + BC = 10$, then $6 + BC = 10$ demonstrates what property?
A. Subtraction B. Addition C. Substitution D. Symmetric
- ____ 5. If $AB - NP = BC - NP$, then $AB = BC$ demonstrates what property?
A. Subtraction B. Addition C. Substitution D. Symmetric
- ____ 6. What is the value of x in the figure below?
A. 15° B. 16° C. 19° D. 0°



- ____ 7. If $\triangle ABC \cong \triangle XYZ$, which of the following must be true?
A. $\angle A = \angle Z$ B. $AC = XY$ C. $XZ = BC$ D. None of the above
- ____ 8. If $\triangle ABC$ is an isosceles triangle with $AC = BC$ and $\angle A = 40^\circ$, what is $\angle B$?
A. 40° B. 70° C. 80° D. None of the above
- ____ 9. Which of the following does not prove congruency?
A. ASA B. SSA C. SSS D. All prove congruency
- ____ 10. What does the symbol \cong mean?
A. similar B. equal to C. congruent D. approximately