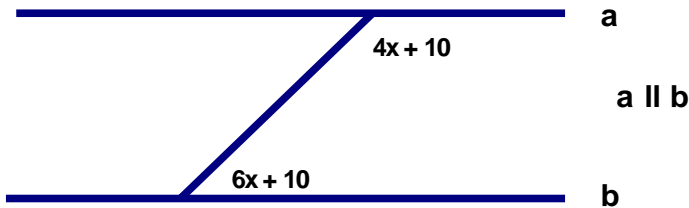


Geometry Review Quiz 1-4 F

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

- ____ 1. Which equation below has a y-intercept of -2?
A. $y = -2x + 1$ B. $2x + y = 2$ C. $y - 2 = 2x$ D. $y + 2 = 5x$
- ____ 2. Which equation would be perpendicular to the $y = -\frac{1}{7}x + 3$?
A. $y = -\frac{1}{7}x - 3$ B. $y = \frac{1}{7}x + 3$ C. $y = 7x - 5$ D. None of the above
- ____ 3. If three points all lie on a line, the points are said to be what?
A. segment bisectors B. coplanar
C. derivatives D. collinear
- ____ 4. If $\angle A$ and $\angle B$ are vertical angles with $\angle A = 2n + 60$ and $\angle B = 4n + 20$, what is the measurement of $\angle B$?
A. 10 B. 20 C. 80 D. 100
- ____ 5. Give the equation in slope intercept form that goes through (3, 4) and (5, 10).
A. $y = 3x - 4$ B. $y = -3x + 13$ C. $y = 3x - 5$ D. $y = \frac{1}{3}x + 3$
- ____ 6. In $\triangle ABC$, $\angle A = 3n$, $\angle B = 5n - 30$, $\angle C = 2n + 10$. What is the measurement of $\angle A$?
A. 20° B. 40° C. 60° D. 80°
- ____ 7. What is the value of x in the figure below?
A. 15° B. 16° C. 19° D. 0°



- ____ 8. If $\triangle ABC$ is an isosceles triangle with $AB = BC$, which statement must be true?
A. $\angle C = \angle B$ B. $\angle A = \angle B$ C. $\angle A = \angle C$ D. $AC = BC$
- ____ 9. 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
- ____ 10. 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