

1. Uno Proof – Given: Blue Reverse

Prove: Yellow Skip

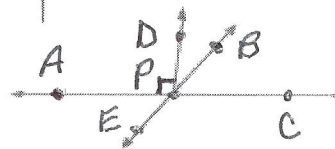
Hand: Red 2, Green 7, Blue 2, Red Skip

Statements	Reasons

2. Solve with a proof: $2(x + 3) - 7 = 12$

Statements	Reasons

Use the diagram for #3-10



3. List a pair of vertical angles:

5. List a pair of complementary angles:

7. List a pair of adjacent angles:

9. List an obtuse angle:

4. List a linear pair of angles:

6. List a pair of supplementary angles:

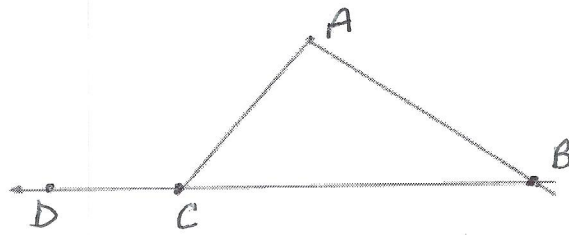
8. List a pair of right angles:

10. List an acute angle:

11. Complete the proof:

Given: $m\angle DCA = 117^\circ$, $m\angle A = 70^\circ$

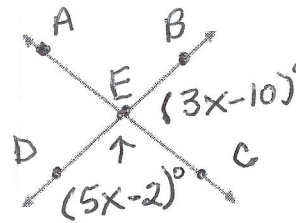
Prove: $m\angle B = 47^\circ$



Statements

Reasons

12. Solve for x as a proof:



Statements

Reasons

13. Give an example of each:

Transitive Property:

Symmetric Property:

Reflexive Property:

14. Solve the system of equations:

$$2x + y = 8$$

$$4x + 3y = 14$$

15. Solve for x :

$$-6 = \frac{3+x}{2}$$

16. Find the midpoint of the line segment with endpoints: $(8, -3)$ and $(-2, 7)$:

17. Find the intercepts:

$$2x - 7y = 28$$

18. Write the equation of the line through point $(-17, 36)$ and perpendicular to $y = -\frac{2}{3}x + 42$

19. The population of wolverines is 4,701 and increasing at a rate of 5%. Write an equation to model the population for any given year.

20. Find the length indicated:

Find FG

