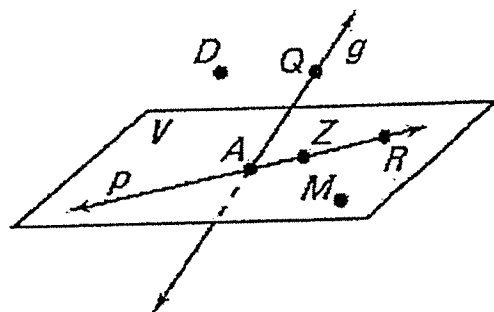


Name: _____
 Final Review part # 1

Use the diagram to answer the following questions.

1. Find three points that are collinear.

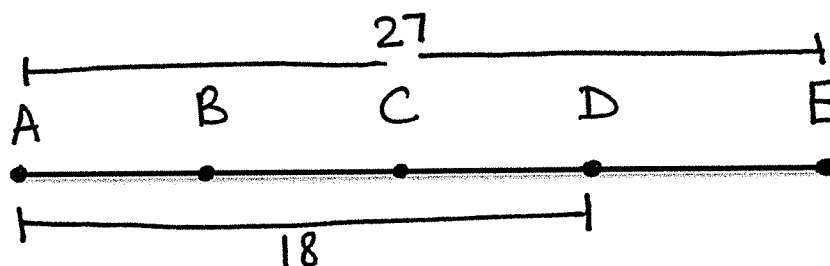


2. Write three different names for line p .

3. Name a point not coplanar with M , R , and Z .

4. What is the intersection of \overline{AQ} and \overline{ZR} ?

Find the indicated length.



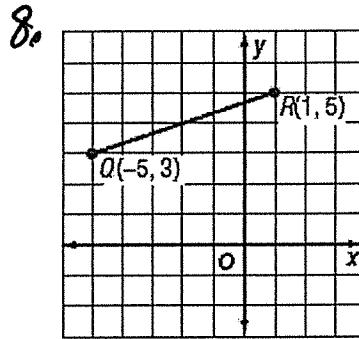
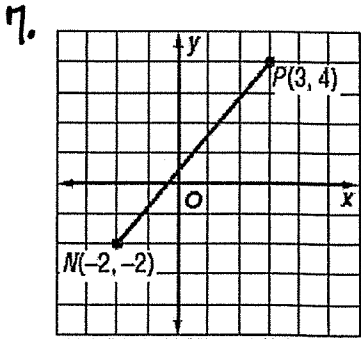
5. DE

7. BD

6. AB

8. CE

Find the distance and midpoint for the given lines



Find the exact distance between the two points.

9. $A(2, 3)$ and $B(5, -1)$

10. $C(4, -7)$ and $D(-8, -2)$

11. $E(-1, 5)$ and $F(3, 10)$

12. $G(7, 1)$ and $H(5, 9)$

$\angle 1$ and $\angle 2$ are complementary angles. Given the measure of $\angle 1$, find $m\angle 2$.

13. $m\angle 1 = 22^\circ$

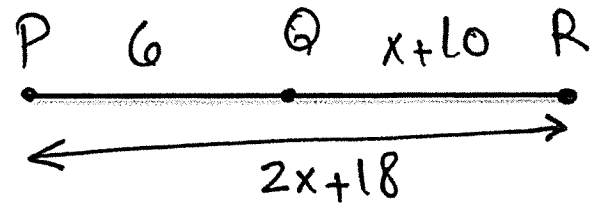
14. $m\angle 1 = 89^\circ$

$\angle 3$ and $\angle 4$ are supplementary angles. Given the measure of $\angle 3$, find $m\angle 4$.

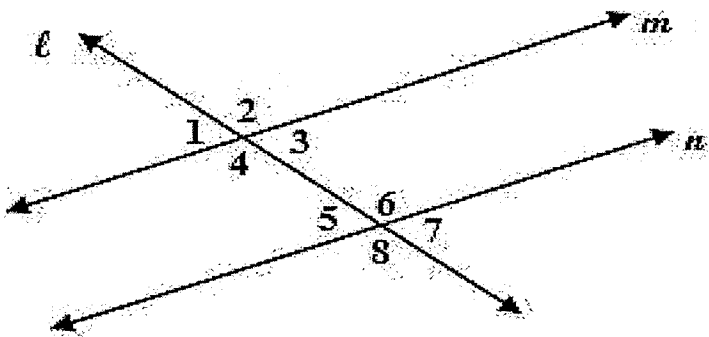
15. $m\angle 3 = 14^\circ$

16. $m\angle 3 = 100$

Statements	Reasons
$PQ + QR = PR$	17. _____ ?
$6 + x + 10 = 2x + 18$	Substitution Property
$x + 16 = 2x + 18$	18. _____ ?
$x + 18 = 16$	Subtraction Property of Equality
$x = -2$	19. _____ ?



- A. Segment Addition Postulate
- B. Addition Property of =
- C. Subtraction Property of =
- D. Combine Like Terms
- E. Distributive Property



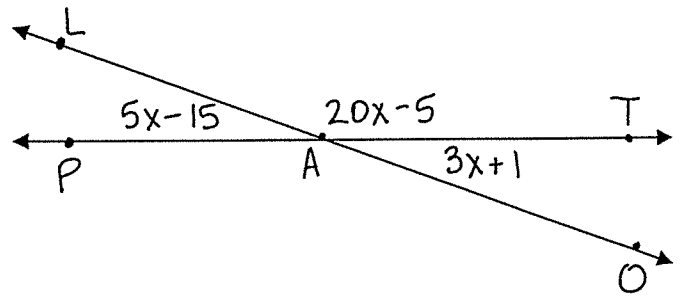
20. Name all the pairs that form corresponding angles.
21. Name all the pairs that form alternate interior angles.
22. Name all the pairs that form same-side interior angles.
23. Name all the pairs that form vertical angles

24. If $m\angle 8 = 5x + 2$ and $m\angle 4 = 3x + 10$, solve for x

25. Assume $m\angle 3 = 26$ degree. Find the measures for the rest of the angles

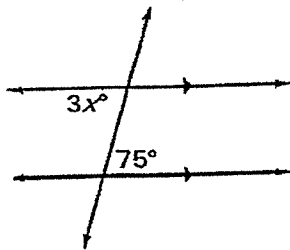
26) Find each of the following:

- a) x
- b) $m\angle LAT$
- c) $m\angle TAO$
- d) $m\angle PAO$

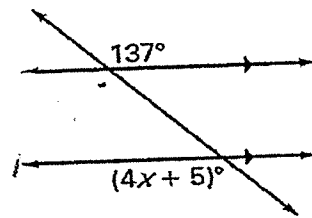


Find the value of x .

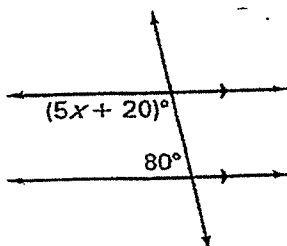
27.



28.



29.



30.

