

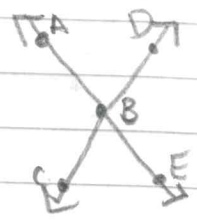
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10-18, 23-28, 30, 33, 34, 36, 39

- 10. acute angle $\angle B, \angle 4, \angle ABC, \angle CBA$
- 11. Right angle $\angle E, \angle 5, \angle DEF, \angle FED$
- 12. obtuse angle $\angle Y, \angle 6, \angle 2YX, \angle XYZ$
- 13. Straight angle $\angle N, \angle 7, \angle MNP, \angle PNM$
- 14. Obtuse angle $\angle K, \angle 8, \angle IKH, \angle HKI$
- 15. Acute angle $\angle T, \angle 9, \angle RTS, \angle STR$
- 16. vertical
- 17. neither
- 18. adjacent

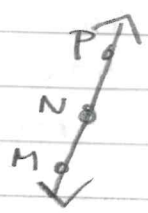
- 23. 75°
- 24. 50°
- 25. 55°
- 26. 105°
- 27. 125°
- 28. 130°
- 30. 40°

33. True



$\angle ABC$ and $\angle DBE$ are obtuse and vertical angles

34.



$\angle MNP$ and $\angle PNM$ are adjacent and straight angles.

36. B $\angle 2$ and $\angle 3$ are vertical

39. a) $x = \angle NLR$
 $x + 102 = 180$
 $x = 78^\circ$

b) acute b/c it is 42°

c) No they aren't vertical angles.