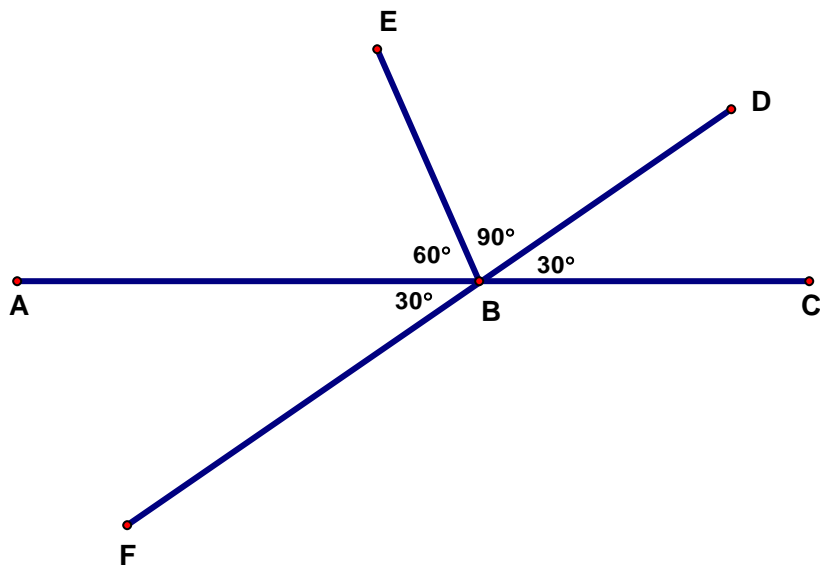


Geometry 1-5 Angles

Name: _____

Time Start: _____ Finish: _____

Total Time = _____



- _____ 1. In the figure above, what is the opposite ray of \overrightarrow{BA} ?
- _____ 2. In the figure above, what angles are 30° ?
- _____ 3. In the figure above, which angles are right angles? (There is more than one.)
- _____ 4. In the figure above, which angles are complementary? (There is more than one.)
- _____ 5. In the figure above, which angles are supplementary? (There is more than one.)
- _____ 6. In the figure above, what angle is the vertical angle to $\angle CBD$?
- _____ 7. In the figure above, what angle is the vertical angle to $\angle CBF$?
- _____ 8. In the figure above, how many angles do you see that are less than 180° ?
- _____ 9. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 30^\circ$, what is $\angle ABC$?
- _____ 10. If $\angle A$ and $\angle B$ are supplementary angles with $\angle A = 70^\circ$, what is the measurement of $\angle B$?
- _____ 11. If $\angle A$ and $\angle B$ are complementary angles with $\angle A = 80^\circ$, what is the measurement of $\angle B$?

- _____ 12. If $\angle A$ and $\angle B$ are vertical angles and $\angle A = 70^\circ$,
what is the measurement of $\angle B$?
- _____ 13. If $\angle A$ and $\angle B$ are a linear pair and $\angle A = 70^\circ$,
what is the measurement of $\angle B$?
- _____ 14. \overline{BX} bisects $\angle ABC$. If $\angle ABX = 3n + 10$, what is $\angle ABC$?
- _____ 15. If $\angle A$ and $\angle B$ are vertical angles with $\angle A = 2n + 60$
and $\angle B = 4n + 20$, what is the measurement of $\angle B$?
- _____ 16. If $\angle A$ and $\angle B$ are complementary angles with $\angle A = 7n + 6$
and $\angle B = 3n + 4$, what is the measurement of $\angle B$?
- _____ 17. If $\angle A$ and $\angle B$ are a linear pair with $\angle A = n + 40$
and $\angle B = 9n + 20$, what is the measurement of $\angle B$?
- _____ 18. If $\angle A$ and $\angle B$ are supplementary angles with
 $\angle A = 5n - 10$, what is $\angle B$? (Expression answer)
- _____ 19. \overline{BX} bisects $\angle ABC$. If $\angle ABX = 6 - 2n$, what is $\angle ABC$?
- _____ 20. If $\angle A$ and $\angle B$ are vertical angles with $\angle A = 3n + 60$
and $\angle B = 4n + 50$, what is the measurement of $\angle B$?
- _____ 21. If $\angle A$ and $\angle B$ are a linear pair with $\angle A = n + 40$
and $\angle B = n + 60$, what is the measurement of $\angle B$?
- _____ 22. If $\angle A$ and $\angle B$ are complementary angles with $\angle A = 4n + 12$
and $\angle B = 6n + 8$, what is the measurement of $\angle B$?