

1-5 A Angle Bisection #1

- _____ 1. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 30^\circ$, what is $\angle ABC$?
- _____ 2. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 3n+10$, what is $\angle ABC$?
- _____ 3. \overrightarrow{BD} bisects $\angle ABC$. If $\angle ABC = 20^\circ$, what is $\angle DAB$?
- _____ 4. \overrightarrow{BY} bisects $\angle ABC$. If $\angle ABC = 2n+4$, what is $\angle ABY$?
- _____ 5. \overrightarrow{AN} bisects $\angle CAB$. If $\angle CAN = 4n+12$, what is $\angle CAB$?

1-5 A Angle Bisection #2

- _____ 1. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 40^\circ$, what is $\angle ABC$?
- _____ 2. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 4n+6$, what is $\angle ABC$?
- _____ 3. \overrightarrow{BD} bisects $\angle ABC$. If $\angle ABC = 60^\circ$, what is $\angle DAB$?
- _____ 4. \overrightarrow{BY} bisects $\angle ABC$. If $\angle ABC = 8n+4$, what is $\angle ABY$?
- _____ 5. \overrightarrow{AN} bisects $\angle CAB$. If $\angle CAN = 12n+16$, what is $\angle CAB$?

1-5 A Angle Bisection #3

- _____ 1. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 36^\circ$, what is $\angle ABC$?
- _____ 2. \overrightarrow{BX} bisects $\angle ABC$. If $\angle ABX = 5n+1$, what is $\angle ABC$?
- _____ 3. \overrightarrow{BD} bisects $\angle ABC$. If $\angle ABC = 24^\circ$, what is $\angle DAB$?
- _____ 4. \overrightarrow{BY} bisects $\angle ABC$. If $\angle ABC = 20n+32$, what is $\angle ABY$?
- _____ 5. \overrightarrow{AN} bisects $\angle CAB$. If $\angle CAN = 10n+2$, what is $\angle CAB$?

