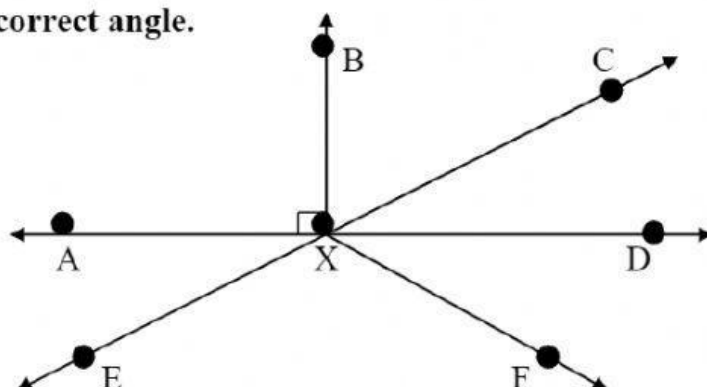


Name _____

Date _____

Angle Relationships Worksheet #2

A. Fill in the correct angle.



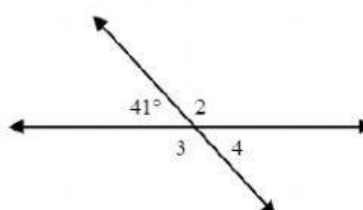
- 1) $\angle AXE$ and _____ are vertical angles.
- 2) $\angle AXF$ and _____ are supplementary angles.
- 3) $\angle DXC$ and _____ are complementary angles.
- 4) _____ and $\angle AXB$ are adjacent angles.
- 5) _____ and $\angle CXD$ are supplementary angles.
- 6) _____ and $\angle AXC$ are vertical angles.

B. Fill in the correct angle measurement.

- 7) What is the complement of an 11° angle? _____
- 8) What is the supplement of a 92° angle? _____
- 9) What is the complement of a 56° angle? _____

For #10 – 12, use the diagram to the right.

- 10) $m\angle 2 =$ _____
- 11) $m\angle 3 =$ _____
- 12) $m\angle 4 =$ _____

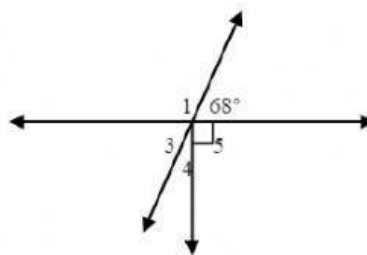


Name _____

Date _____

Angle Relationships Worksheet #2

For #13 – 16, use the diagram to the right.



13) $m\angle 1 =$ _____

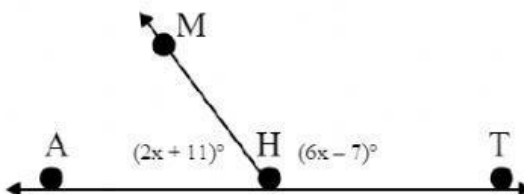
14) $m\angle 3 =$ _____

15) $m\angle 4 =$ _____

16) $m\angle 5 =$ _____

C. Use your algebra skills to find the angle measurements.

17) a) Find the value of "x".



b) $m\angle MHT =$ _____

c) $m\angle AHM =$ _____