Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Ventilation Tools Quiz**

1. \_\_\_\_\_ Axes used for ventilation have \_\_\_\_ to \_\_\_\_ pound heads.
   1. 5-, 6-
   2. 6-, 7-
   3. 5-, 7-
   4. 6-, 8-
2. \_\_\_\_\_ Chain saws are commonly used during ventilation operations. When equipped with a \_\_\_\_\_ they can cut rapidly through many different types of roofing materials.
   1. Roof cutter
   2. Carbide tip
   3. All purpose tip
   4. All of the above
3. \_\_\_\_\_Which of the following are used to sound roofs and can be used to pry roof shingles if necessary?
   1. Pike poles
   2. Roofman’s Hooks
   3. Halligan bars
   4. None of the above
4. \_\_\_\_\_ Which of the following are used during positive pressure ventilation (PPV) where firefighters create positive pressure within the structure?
   1. Smoke ejectors
   2. Circulating fans
   3. Blowers
   4. All of the above
5. \_\_\_\_\_ Which of the following are used during negative pressure ventilation (NPV) by drawing smoke heat and gases to established ventilation openings in the exterior of the structure?
   1. Smoke ejectors
   2. Circulating fans
   3. Blowers
   4. All of the above
6. \_\_\_\_\_ Combination nozzles used for hydraulic ventilation are operated at \_\_ psi.
   1. 50
   2. 80
   3. 90
   4. 100
7. \_\_\_\_\_ Fog nozzles used for hydraulic ventilation should be set for a \_\_\_\_\_\_fog.
   1. Narrow angle
   2. Straight stream
   3. Wide angle
   4. Solid stream
8. \_\_\_\_\_ Fog streams used inside a structure for hydraulic ventilation purposes should be placed so that \_\_\_\_\_ percent of the window or door opening to the outside is covered by a wide fog pattern.
   1. 50 – 60
   2. 50 – 75
   3. 85 – 95
   4. 95 – 100
9. \_\_\_\_\_ Attack lines should be
   1. In position before ventilation operations are to begin
   2. Placed at all entrances and entrances during ventilation operations
   3. Able to flow 175 gpm or greater
   4. All of the above
10. \_\_\_\_\_ When using power saws
    1. Make sure you have the correct tool for the job
    2. Match the saw and/or saw blade to the material needing to be cut
    3. Wear your personal protective equipment (PPE) while doing the job. Gloves, eye protection, and hearing protection should all be used
    4. All of the above