

Written Quiz

	<u>POINTS</u>
1. What is vertical ventilation? _____	<u>5</u>
2. Where should vertical ventilation be performed? _____	<u>5</u>
3. Name two existing openings that could be used for vertical ventilation. _____ _____	<u>4</u>
4. After cutting the vent hole in the roof it may be necessary to _____ below.	<u>5</u>
5. It is preferable to cut one _____ rather than several _____.	<u>5</u>
6. Building should be laddered where? _____	<u>5</u>
7. What is sounding? _____	<u>5</u>
8. What are two overhead hazards you will encounter on a roof? _____	<u>4</u>
9. When cutting a vent hole it is important not to cut the _____.	<u>5</u>

Written Quiz

	<u>POINTS</u>
10. What are two reasons ventilation personnel must coordinate with attack personnel? _____	<u>5</u>
11. If possible utilize _____ as a first choice for roof ventilation.	<u>5</u>
12. What are two visual indications of a weak roof? _____	<u>5</u>
13. How should ventilation crews be positioned in relation to the wind? _____	<u>5</u>
14. Provide an escape route and make sure _____.	<u>5</u>
15. When would roof top (vertical) ventilation not be performed? _____	<u>5</u>
16. A ventilation team consists of a minimum of _____ firefighters.	<u>5</u>
17. Ladders should be placed, whenever possible, on the _____ of the building.	<u>5</u>
18. A _____ should be used for traction and to distribute weight on the roof.	<u>5</u>
19. Personnel working on steep, slick roofs should be _____.	<u>4</u>

Written Quiz

POINTS

20. Water can be applied to the seat of the fire down the vent hole. 4

True False

21. What are the minimum number of rungs a ladder should be extended over the roof edge? 4

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

Written Quiz - Key

	<u>POINTS</u>
1. What is vertical ventilation? OPENING UP OR CUTTING HOLES IN ROOFS AND CEILINGS TO REMOVE HEAT AND SMOKE AND ALLOW COOLER AIR IN.	<u>5</u>
2. Where should vertical ventilation be performed? HIGHEST POINT ON THE ROOF OVER THE SEAT OF THE FIRE IF SAFE TO DO SO. IF NOT SAFE, BACK OFF TO NEAREST SAFE POINT	<u>5</u>
3. Name two existing openings that could be used for vertical ventilation. SKYLIGHTS, MONITORS, STAIRWAY DOORS, HATCHES, TURBINE VENTS, SWAMP COOLERS	<u>4</u>
4. After cutting the vent hole in the roof it may be necessary to OPEN THE CEILING below.	<u>5</u>
5. It is preferable to cut one LARGE HOLE rather than several SMALLER HOLES .	<u>5</u>
6. Building should be laddered where? AT THE CORNERS	<u>5</u>
7. What is sounding? USING A HAND TOOL TO KNOCK ON THE ROOF TO ASSESS ROOF STABILITY AHEAD OF YOU	<u>5</u>
8. What are two overhead hazards you will encounter on a roof? ELECTRIC WIRES, GUY WIRES, PHONE WIRES, T.V. CABLE	<u>4</u>
9. When cutting a vent hole it is important not to cut the ROOF JOIST/RAFTER .	<u>5</u>

Written Quiz - Key

	<u>POINTS</u>
10. What are two reasons ventilation personnel must coordinate with attack personnel?	<u>5</u>
ATTACK HOSELINES MUST BE IN PLACE BEFORE VENTILATION OPENING IS COMPLETED	
INTERIOR FIRE BEHAVIOR MAY CHANGE WHEN BUILDING IS VENTED TO DETRIMENT OF INTERIOR PERSONNEL	
11. If possible utilize EXISTING OPENINGS as a first choice for roof ventilation.	<u>5</u>
12. What are two visual indications of a weak roof?	<u>5</u>
SPONGY ROOF, SAGGING ROOF, SAGGING ROOF RIDGES	
13. How should ventilation crews be positioned in relation to the wind?	<u>5</u>
UPWIND FROM THE VENT OPENING	
14. Provide an escape route and make sure IT IS KNOWN TO ALL PERSONNEL .	<u>5</u>
15. When would roof top (vertical) ventilation not be performed?	<u>5</u>
FULLY INVOLVED, NOT ENOUGH RESOURCES, UNSAFE CONSTRUCTION, ROOF STRUCTURALLY WEAKENED	
16. A ventilation team consists of a minimum of TWO firefighters.	<u>5</u>
17. Ladders should be placed, whenever possible, on the CORNERS of the building.	<u>5</u>
18. A ROOF LADDER should be used for traction and to distribute weight on the roof.	<u>5</u>
19. Personnel working on steep, slick roofs should be TIED OFF .	<u>4</u>

Written Quiz - Key

POINTS

20. Water can be applied to the seat of the fire down the vent hole. 4

True **FALSE**

21. What are the minimum number of rungs a ladder should be extended over the roof edge? 4

THREE

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE: