



**WRITTEN QUIZ**  
Procedures Handbook 4300

FIRE SERVICE GROUND LADDER  
SAFETY PRACTICES

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

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**POINTS**

1. What safety equipment must be worn during ladder operations? 10  
\_\_\_\_\_  
\_\_\_\_\_
2. When estimating the height of an upper floor in a building assume it to be \_\_\_\_\_ feet unless you know differently. 10
3. How much weight can a 24' extension ladder support according to NFPA Standard 1931? 10  
\_\_\_\_\_
4. How many firefighters are allowed per fly section on an extension ladder? 10  
\_\_\_\_\_
5. During ladder operations, who is in command? 10  
\_\_\_\_\_
6. Ladders have the right of way on the firegrounds. 10  
True                      False
7. The proper climbing angle on a ground ladder is \_\_\_\_\_. 10
8. When placing a ladder, what mathematical formula is used to figure the distance from the building to the butt of the ladder? 10  
\_\_\_\_\_  
\_\_\_\_\_



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- |                                                                                  | <b><u>POINTS</u></b> |
|----------------------------------------------------------------------------------|----------------------|
| 9. Which two knots are used to tie off an extension ladder halyard?<br><br>_____ | ___ 10               |
| 10. The person heeling a ladder should grasp the _____ of the ladder.            | ___ 10               |

**POINTS POSSIBLE:** \_\_\_ 100

**POINTS DEDUCTED:** \_\_\_\_\_

**FINAL SCORE:** \_\_\_\_\_



	<u>POINTS</u>
1. What safety equipment must be worn during ladder operations?	___ 10
<b>GLOVES, HELMETS WITH EYE PROTECTION, TURNOUT COATS AND PANTS, TURNOUT BOOTS</b> REF. TLP, pg. 2, sect. I, A.2.a. – d.	
2. When estimating the height of an upper floor in a building, assume it to be <b>12</b> feet unless you know differently. REF. TLP, pg. 2, sect. I, A.3.b.(1)(a)	___ 10
3. How much weight can an extension ladder support according to NFPA Standard 1931?	___ 10
<b>750 POUNDS</b> REF. TLP, pg. 3, sect. I, A.3.b.(2)(b)(ii)b)	
4. How many firefighters are allowed per fly section on an extension ladder?	___ 10
<b>1 MAXIMUM</b> REF. TLP, pg. 7, sect. I, D.4.	
5. During ladder operations, who is in command?	___ 10
<b>THE PERSON LOCATED AT THE BUTT</b> REF. TLP, pg. 3, sect. I, A.7.	
6. Ladders have the right of way on the firegrounds.	___ 10
<b>TRUE</b> <b>False</b> REF. TLP, pg. 4, sect. I, A.9.	
7. The proper climbing angle on a ground ladder is <b>75%</b> . REF. TLP, pg. 5, sect. I, D.a.	___ 10
8. When placing a ladder, what mathematical formula is used to figure the distance from the building to the butt of the ladder?	___ 10
<b><u>HEIGHT TO BE LADDERED</u> + LENGTH OF OVERHANG = 4 DISTANCE FROM BUILDING TO BUTT OF LADDER</b>	
<b><u>HEIGHT TO BE LADDERED</u> ÷ 4 + LENGTH OF OVERHANG = DISTANCE FROM BUILDING TO BUTT OF LADDER</b>	
REF. TLP, pg. 5, sect. I, D.1.c.(1)	



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9. Which two knots are used to tie off an extension ladder halyard?       10      

**CLOVE HITCH AND HALF HITCH**

REF. TLP, pg. 5 & 6, sect. I, D.2.a.(1)(2)

10. The person heeling a ladder should grasp the **BEAMS** of the ladder.       10      

REF. TLP, pg. 6, sect. I, D.4.c.(4)

**POINTS POSSIBLE:**       100      

**POINTS DEDUCTED:**       \_\_\_\_\_      

**FINAL SCORE:**       \_\_\_\_\_