

17.A: Review Questions

Complete as directed.

Fill in the Blanks:

1. A stairway or ladder, for personal access, shall be provided whenever there is a break in elevation of _____ inches or more.
2. _____ stairways are not permitted for employees on construction sites unless they are part of the structure on which the construction work is being performed.
3. A _____ ladder, or two or more separate ladders shall be provided when ladders are the only means of access or exit from a working area for 25 or more employees or when a ladder is used for simultaneous two-way traffic.
4. Each building or structure shall have at least _____ point of access between levels and the point shall be kept clear to permit free passage of employees.
5. Temporary stairways shall be equipped with landings of not less than _____ inches in the direction of travel and extend at least 22 inches in width at every 12 foot of vertical rise.
6. The construction of stairways shall be such that the height of the stair rails shall not be less than _____ inches from the upper surface of the stand rail system to the surface of the tread, in line with the face of the riser at the forward end of the tread.
7. Handrails and the top rails of stair rails shall be capable of withstanding, without failure, a force of at least _____ pound, applied within _____ inches of any point along the top edge.
8. Self-supporting and portable ladders shall be designed to handle _____ times the maximum intended load. Fixed ladder shall be capable of handling at least two loads of pounds each, concentrated between any two consecutive attachments, plus any anticipated loads.
9. The height of handrails shall not be more than _____ inches or less than _____ inches from the upper surface of the handrail to the surface of the tread.

True or False: (Circle the Correct Answer)

10. T or F

Stairways with pan stairs, where the tread and/or landings are not fill-in, shall not be used for foot traffic, unless the tread and/or landings are temporarily fitted with wood or other materials to the top edge of the each pan.

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