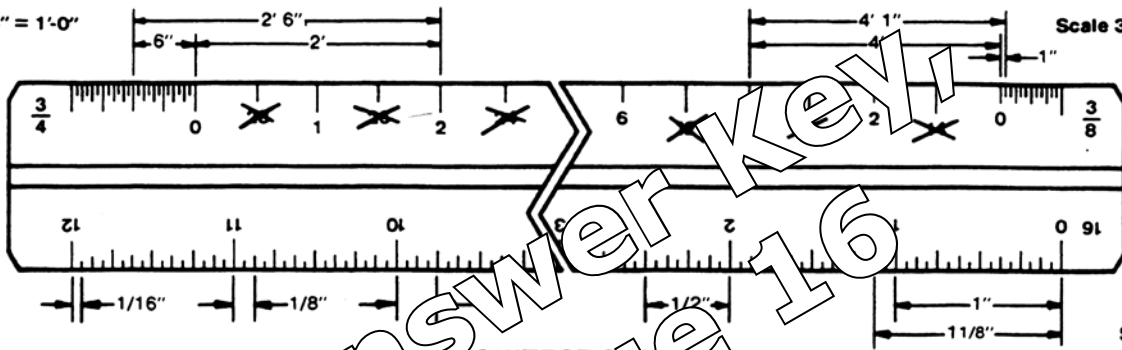


Scale 3/4" = 1'-0"

Scale 3/8" = 1'-0"



Distances measured with the Architectural scale are given in feet (') and inches ("). The symbols are always added. For example: 2'-6" (not 2.5').

When working with a scale such as the 3/4 shown above, measure full one foot units to the right of zero, toward the center. Inches and fractions are measured to the left of zero, toward the end of the scale.

On each face of the triangular architect scale, you will notice two sets of numbers. The double digit numbers (those crossed out above) refer to the scale at the opposite end; generally they are ignored. In this case, however, they can be used to represent 6 inches, as each falls halfway between full foot divisions.

To assure accuracy when measuring or laying out a distance with an open divided scale such as this, always be sure one end of the line measured lines up with zero, or within the subdivided area at the end of the scale you are using.



Instructions: With the standard triangular architectural scale, measure each line and record its length with the designated scale.

SCALE:	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.
1:1	5'-1/4"																			
1:1	1'-7/8"																			
1:1	3'-9/16"																			
1/8" = 1'-0"	40'-0"																			
1/8" = 1'-0"	28'-6"																			
1/8" = 1'-0"	20'-11"																			
1/4" = 1'-0"	8'-0"																			
1/4" = 1'-0"	9'-3"																			
1/4" = 1'-0"	19'-1-1/2"																			
1/2" = 1'-0"	3'-8"																			
1/2" = 1'-0"	8'-1-1/2"																			
1/2" = 1'-0"	6'-8"																			
3/4" = 1'-0"	6'-6"																			
3/4" = 1'-0"	5'-8-1/2"																			
3/4" = 1'-0"	1'-9-1/2"																			
3/8" = 1'-0"	4'-3"																			
3/8" = 1'-0"	13'-6"																			
3/16" = 1'-0"	13'-6"																			
1 1/2" = 1'-0"	2'-3-1/4"																			
3" = 1'-0"	3'-3/8"																			

DRAWN BY:	SCALE:	DRWG:
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Answers for Blueprint Reading Test that begins on Page 99

FOR SHEET 1

1. 2 x 6
2. 16"
3. on center
4. 3'-0"
5. laminated beam
6. bifold door
7. forced air unit
8. 
9. hidden lines (dotted)
10. water heater
11. sliding pocket door
12. dryer
13. washer
14. laundry tray (laundry sink)
15. refrigerator
16. flue
17. masonry
18. 44' x 32'
19. metal joist hangers
20. 
21. 1 408 sq. ft.
22. 1/4" = 1'-0"
23. square
24. circle
25. beams

FOR SHEET 2

26. 3/32" = 1'-0"
27. redwood
28. South
29. 20' x 20'
30. 20'
31. 43'
32. 6'
33. 72' x 95'
34. 4'
35. roof outline






FOR SHEET 3







36. continuous overhang
37. 3/32" = 1'-0"
38. gage galvanized iron
39. fascia board
40. slope diagram
41. 1/4
42. down slope
43. gable roof
44. 1/4" = 1'-0"
45. outside edge of exterior walls
46. chimney
47. common brick
48. awning
49. louvered
50. ceiling line

FOR SHEET 4

51. 6'-9"
52. 6'-9"
53. 8'-0"
54. 24"
55. how it is hinged
56. slide direction
57. north elevation
58. 1/4" = 1'-0"
59. right side
60. slab

FOR SHEET 5

61. 
62.  or 
63. \$
64. 
65. 

66. 
67. 
68. ground fault circuit interrupter
69. forced air or perimeter radial
70. \$₃
71. 
72. \$_{DM}
73. 
74. 
75. pull cord and switch with pilot light
76. to control a lamp
77. 
78. 6"
79. galvanized iron
80. when light source is in another room

FOR SHEET 6

81. three concrete blocks
82. 2" x 3" wood tie
83. 2" x 6"
84. 2" x 10"
85. 2'-6" x 8'-0"
86. 2" x 3" ledger
87. three piers/posts
88. 4" x 4" girders
89. ST-L7
90. EXT-35
91. obscured glass
92. 6' x 5'
93. exterior walls

Answers for Blueprint Reading Test that begins on Page 99

94. 1 7/8"
95. four coats of oil
- FOR SHEET 7**
96. 2" X 4"
97. 16"
98. 4" X 12"
99. 4" X 6"
100. let-in brace
101. 3
102. 3
103. book shelves
104. awning
105. sliding
106. dryer vent
107. cripple studs
108. cripple studs
109. 2" x 4" spacers
110. sliding door
- FOR SHEET 8**
111. yes
112. exterior footing
113. fireplace
114. interior footing
115. 12"
116. 4"
117. 0 1/2"
118. 9"
119. support interior walls
120. 1/4" = 1'-0"
- FOR SHEET 9**
121. 2" X 6"
122. 12"
123. 6'
124. 4'
125. T Foundation
126. pier
127. fireplace
128. strengthen floor system under bearing walls
129. stops joists twisting (warping) and provides nailing surface
130. 4" x 6"
131. support floor joints
132. 11'-3"
133. 11'-3"
134. double floor joints
135. solid blocking
- FOR SHEET 10**
136. damper
137. fire brick
138. fire brick
139. plate
140. 6"
141. 18"
142. cedar shingles
143. 1" x 8"
144. 3" x 2" steel lintel
145. #4
146. 1/2" oak
147. double headers
148. 0 1/2"
149. 2" x 6" treated sill
150. 12"
151. 6"
152. 0 1/2" at 9"OC
153. 2-#4 rebars
154. flue
155. 25"
156. 6" x 9"
157. felt vapor barrier
158. 2-2x4's
159. 1" x 8" fascia
160. 16"
161. 16"
162. 12"
163. 6'
164. 3"
165. 4" x 6" girders
166. 20 lb felt
167. 1"
168. 1/2" of grout
169. 3'
170. girder pocket
171. 3/4" = 1'-0"
172. 1" = 1'-0"
173. 2'-9"
174. 4"
175. 1" sheathing
- FOR SHEET 11**
176. 2" x 6"
177. 16"OC
178. 2" x 8"
179. dbl headers and dbl rafters
180. 12"
181. exterior wall (top plate)
182. 2'-9"
183. 3 1/2"
184. welded wire mesh
185. 16'-0"
186. 8"
187. 4"
188. 2"
189. 400 sq. ft.
190. #4
191. 24"
192. 1/8" = 1'-0"
193. 3/4" = 1'-0"
194. 1/4" = 1'-0"
195. 4' x 3'
196. 2'-6"
197. #4
198. 2
199. H-H
200. 2 1/2"