



Nursery/Landscape Career Development Event

Created: Feb-20

LANDSCAPE ESTIMATING—2019 KEY

Calculations illustrate possible solution methods – others may also apply.

1. B – 11.5' by scale
2. C – Acer rubrum is a deciduous shade tree
3. A – 12 concrete pads by count @ \$3.50 x 1.5 = \$63.00
3 hours @ \$45.00 = \$135.00
Total \$198.00
4. C – 18 pads by count @ \$2.50 x 1.5 = \$67.50
5. D – Buxus microphylla
6. B – 15 shrubs by count @ \$6.75 x 1.5 = 151.88
15 minutes x 15 shrubs = 3.75 hours @ \$168.75
Total = \$320.63
7. B - 7' x 10'
8. A - 30' x 3' = 90 cu. ft., 22' x 3' = 66 cu. ft., total of 156 cu. ft. divided by 3 cu. ft. per bag = 52 bags @ \$4.00 = \$208.00 x 1.3 markup = \$270.40
2 men at 4 hours = 8 hours @ \$45.00 = \$360.00
Total = \$630.40
9. C - 30' x 3' = 90 sq. ft., 22' x 3' = 66 sq. ft., total = 156 sq. ft. x .25 (3 inches deep) = 39 cu. ft.
39 cu. ft. divided by 2 cu. ft. per bag = 19.5 bags @ \$4.55 = \$88.73
19.5 x 10 minutes = 3.25 hours @ \$45.00 = \$146.25.
Total = \$234.98
10. C – Pansies and annuals = 2 flats = \$16.00
Mums = \$16.00
Evergreens = 8 @ \$4.00 = \$32.00
Total = \$64.00
11. B – Pennisetum ruppelia

12. C – $6 + 6 + 8 + 6 + 6$ (by count) = 32 @ \$4.55 = \$145.60 x 1.5 markup = \$218.40
320 minutes = 5.33 hours @ \$45.00 = \$240.00. Total = \$458.40
13. A – 8 hours
14. C - 6' by scale
15. B – Liriope matches the description
16. A – $15 + 22 = 37$ @ \$3.00 = \$111.00
 37×6 minutes = 222 minutes, 3.7 hours @ \$15.00 = \$55.50
Total = \$166.50
17. D – $18.5' \times 1.5' = 22.75$ sq. ft., $13.5' \times 1.5' = 20.25$ sq. ft., $13' \times 2' = 26$ sq. ft.
Total = 74 sq. ft.
18. C - $13' + 14' + 12' + 5' + 5' + 12' + 9' = 70'$ @ \$35.00 = \$2450.00 x 1.5 markup = \$3675.00
 $70' @ \$42.00 = \2940.00 x 1.2 markup = \$3528.00
Total = \$7203.00
19. D – 11 plants @ \$11.50 = \$126.50 x 1.7 markup = \$215.05
20. B – Taxus spp. and cv. is an evergreen that could work as a screen/backdrop shape.