Converting lengths between customary and metric units

Grade 5 Measurement Worksheet

Convert these lengths to the metric units shown.

1. 80 in = ___________ mm  
   2. 54 yd = ___________ m

3. 84 ft = ___________ m  
   4. 27 ft = ___________ m

5. 60 ft = ___________ cm  
   6. 18 ft = ___________ m

7. 91 in = ___________ cm  
   8. 97 ft = ___________ cm

9. 16 in = ___________ mm  
   10. 46 in = ___________ cm

Convert these lengths to the customary units shown.

11. 75 cm = ___________ in  
    12. 92 mm = ___________ ft

13. 23 cm = ___________ ft  
    14. 65 m = ___________ ft

15. 58 mm = ___________ in  
    16. 36 mm = ___________ yd

17. 29 mm = ___________ ft  
    18. 24 m = ___________ yd

19. 90 m = ___________ yd  
    20. 90 cm = ___________ yd
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Convert these lengths to the metric units shown.
1. 80 in = \(2,032.000\) mm  
2. 54 yd = \(49.378\) m  
3. 84 ft = \(25.603\) m  
4. 27 ft = \(8.230\) m  
5. 60 ft = \(1,828.800\) cm  
6. 18 ft = \(5.486\) m  
7. 91 in = \(231.140\) cm  
8. 97 ft = \(2,956.560\) cm  
9. 16 in = \(406.400\) mm  
10. 46 in = \(116.840\) cm

Convert these lengths to the customary units shown.
11. 75 cm = \(29.528\) in  
12. 92 mm = \(0.302\) ft  
13. 23 cm = \(0.755\) ft  
14. 65 m = \(213.255\) ft  
15. 58 mm = \(2.283\) in  
16. 36 mm = \(0.039\) yd  
17. 29 mm = \(0.095\) ft  
18. 24 m = \(26.247\) yd  
19. 90 m = \(98.425\) yd  
20. 90 cm = \(0.984\) yd