

Measurement: Skill 5 - 16A

Customary Length

Test question 16A. 187 in. = 5 yd 7 in.

$$187 \div 36 = 5 \text{ r}7$$

Customary Units of Length

12 inches (in.) = 1 foot (ft)

3 feet = 1 yard (yd)

5,280 feet = 1 mile (mi)

1,760 yards = 1 mile

Convert Customary Units of Length

Convert feet to inches. 3 feet = 36 inches $3 \times 12 = 36$ Convert inches to feet. 18 inches = 1 $\frac{1}{2}$ feet $18 \div 12 = 1 \frac{1}{2}$ **Directions:** Complete each conversion.

1. 9 ft = ___ yd

2. 24 in. = ___ ft

3. 3 ft = ___ yd

4. 12 in. = ___ ft

5. 36 in. = ___ yd

6. 4 ft = ___ in.

7. 1 yd = ___ in.

8. 3 yd = ___ ft

9. 3 yd = ___ in.

10. 18 ft = ___ yd

11. 10 yd = ___ ft

12. 5 yd = ___ in.

13. 72 ft = ___ yd

14. 12 yd = ___ in.

15. 38 in = ___ ft ___ in.

Measurement: Skill 5 - 16A

Customary Length**Directions:** Complete each conversion.

16. $19 \text{ ft} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

17. $36 \text{ ft} = \underline{\hspace{1cm}} \text{ yd}$

18. $23 \text{ ft} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

19. $105 \text{ ft} = \underline{\hspace{1cm}} \text{ yd}$

20. $46 \text{ in} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ in.}$

21. $50 \text{ in} = \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in.}$

22. $25 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

23. $432 \text{ in} = \underline{\hspace{1cm}} \text{ yd}$

24. $300 \text{ ft} = \underline{\hspace{1cm}} \text{ yd}$

25. $76 \text{ in} = \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in.}$

26. $32 \text{ ft} = \underline{\hspace{1cm}} \text{ in.}$

27. $15 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

28. $5,280 \text{ ft} = \underline{\hspace{1cm}} \text{ mi}$

29. $159 \text{ in} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft } \underline{\hspace{1cm}} \text{ in.}$

30. $10,560 \text{ ft} = \underline{\hspace{1cm}} \text{ mi}$

31. $3 \text{ mi} = \underline{\hspace{1cm}} \text{ ft}$

32. $3,520 \text{ yd} = \underline{\hspace{1cm}} \text{ mi}$

33. $32 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

34. $19 \text{ ft} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

35. $84 \text{ in} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

36. $180 \text{ in} = \underline{\hspace{1cm}} \text{ ft}$

37. $5,280 \text{ yd} = \underline{\hspace{1cm}} \text{ mi}$

38. $100 \text{ yd} = \underline{\hspace{1cm}} \text{ ft}$

39. $22 \text{ ft} = \underline{\hspace{1cm}} \text{ yd } \underline{\hspace{1cm}} \text{ ft}$

Answers: Skill 16A, Grade 5

1. 3 yd
2. 2 ft
3. 1 yd
4. 1 ft
5. 1 yd
6. 48 in.
7. 36 in.
8. 9 ft
9. 108 in.
10. 6 yd
11. 30 ft
12. 180 in.
13. 24 yd
14. 432 in.
15. 3 ft 2 in.
16. 6 yd 1 ft
17. 12 yd
18. 7 yd 2 ft
19. 35 yd
20. 1 yd 10 in.
21. 4 ft 2 in.
22. 900 in.
23. 12 yd
24. 100 yd
25. 6 ft 4 in.
26. 384 in.
27. 540 in.
28. 1 mi
29. 4 yd 1 ft 3 in.
30. 2 mi
31. 15,840 ft
32. 2 mi
33. 1,152 in.
34. 6 yd 1 ft
35. 2 yd 1 ft
36. 15 ft
37. 3 mi
38. 300 ft
39. 7 yd 1 ft