

Measurement

Skill 4 - 17C

Customary Length

Customary Units of Length	
1 foot (ft) = 12 inches (in.)	1 yard (yd) = 3 feet
1 mile (mi) = 5,280 feet	1 mile = 1,760 yards

Convert Customary Units of Length
Convert feet to inches. 3 feet = 36 inches $3 \times 12 = 36$
Convert inches to feet. 24 inches = 2 feet $24 \div 12 = 2$

Grade 4, 17C test question 1. **Write the equivalent measure.** 5 ft. = _____ in. You are changing larger units to smaller units, so you would multiply. $5 \times 12 = 60$ so the answer is 60 inches.

Grade 4, 17C test question 2. **Write the equivalent measure.** 9 ft = _____ yd. You are changing smaller units to larger units, so you would divide. $9 \div 3 = 3$ so the answer is 3 yards.

Grade 4, 17C test question 3. **Write the equivalent measure.** 2 mi. = _____ ft. You are changing larger units to smaller units, so you would multiply. $2 \times 5,280 = 10,560$ so the answer is 10,560 feet.

Example

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

You are changing larger units to smaller units, so, multiply.

$3 \text{ ft.} \times 12 \text{ in.} = 36 \text{ in.}$

Answer: 36 inches

Example

$24 \text{ in} = \underline{\hspace{1cm}} \text{ ft}$

You are changing smaller units to larger units, so, divide.

$24 \text{ in.} \div 12 = 2 \text{ ft.}$

Answer: 2 feet

Directions: Complete.

1. $12 \text{ in.} = \underline{\hspace{1cm}} \text{ ft}$

2. $36 \text{ in.} = \underline{\hspace{1cm}} \text{ yd}$

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

4. $1 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

5. $3 \text{ yd} = \underline{\hspace{1cm}} \text{ ft}$

6. $3 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

7. $18 \text{ ft} = \underline{\hspace{1cm}} \text{ yd}$

8. $10 \text{ yd} = \underline{\hspace{1cm}} \text{ ft}$

9. $5 \text{ yd} = \underline{\hspace{1cm}} \text{ in.}$

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Customary Length

Directions: Complete.

10. 4 ft = _____ in.

11. 36 ft = _____ yd

12. 72 ft = _____ yd

13. 108 ft = _____ yd

14. 540 in = _____ yd

15. 12 yd = _____ in.

16. 25 yd = _____ in.

17. 432 in. = _____ yd

18. 300 ft = _____ yd

19. 3,520 yd = _____ mi

20. 32 ft = _____ in.

21. 7 yd = _____ in.

22. 5,280 ft = _____ mi

23. 3 mi = _____ ft

24. 36 in. _____ ft

25. 10,560 ft = _____ mi

26. 3,520 yd = _____ mi

27. 32 yd = _____ in.

28. 19 ft = _____ in.

29. 22 ft _____ in.

30. 180 in = _____ ft

31. 5,280 yd = _____ mi

32. 100 yd = _____ ft

33. 6 ft = _____ in.

Measurement

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Customary Length

Directions: Compare. Write $<$, $>$, or $=$ for each.

34. 4 ft = _____ 42 in.

35. 34 in. = _____ 3 ft

36. 12 ft = _____ 4 yd

37. 100 in. = _____ 3 yd

38. 1,760 yd = _____ 1 mi.

39. 12 yd = _____ 32 ft

40. 36 in = _____ 3 yd.

41. 148 in = _____ 3 yd

42. 32 ft = _____ 348 in.

43. 1,500 ft = _____ 480 yd

44. 300 ft = _____ 100 yd

45. 15 yd = _____ 540 in.

46. 5,280 ft = _____ 1 mi

47. 20 ft _____ 239 in.

48. 5 yd _____ 185 in.

49. 2 mi _____ 3,500 yd

50. 12 ft = _____ 165 in.

51. 22 in = _____ 2 ft

52. 3 mi = _____ 15,840 ft

53. 22 ft _____ 3 yd

54. 50 in = _____ 4 ft

55. 5,280 yd = _____ 3 mi

56. 100 yd = _____ 200 ft

57. 6 ft = _____ 72 in.

Answers: Skill 17C, Grade 4

1. 1 ft 2. 1 yd 3. 1 yd 4. 36 in. 5. 9 ft 6. 108 in. 7. 6 yd
8. 30 ft 9. 180 in. 10. 48 in. 11. 12 yd 12. 24 yd 13. 36 yd 14. 15 yd
15. 432 in. 16. 900 in. 17. 12 yd 18. 100 yd 19. 2 mi 20. 384 in. 21. 252 in.
22. 1 mi 23. 15,840 ft 24. 3 ft 25. 2 mi 26. 2 mi 27. 1,152 in. 28. 228 in.
29. 264 in. 30. 15 ft 31. 2 mi 32. 300 ft 33. 72 in. 34. > 35. <
36. = 37. < 38. = 39. > 40. = 41. > 42. >
43. > 44. = 45. = 46. = 47. > 48. < 49. >
50. < 51. < 52. = 53. > 54. > 55. = 56. >
57. =