

1-4. Explanations may vary. Samples are given.

1. Ounces; it is closest to the weight of a paper clip.
2. Fluid ounces; baby bottles are usually marked in fluid ounces.
3. Miles; distances to continents would be measured in miles.
4. Yards or feet; miles are too large and inches are too small.

5.  $\frac{3}{4}$

6. 12

7.  $\frac{1}{2}$

8.  $62\frac{1}{2}$

9.  $1\frac{1}{2}$

10. 216

11. G

12. A

13. C

14. F

15. D

16. B

17. E

18.  $1\frac{1}{2}$

19. 2,640

20. 168

21. 78

22. 60

23. 25

24. 12

25. 7

26. 48

27. 400

28. 14

29. 29,040

30. Julia

31. C

32. B

33. F

34. D

35. E

36. A

37. 9,560 ft

38. length

39. weight

40. volume

41. weight

42. length

43. volume

Answers for Lesson 5-5, pp. 259-261 Exercises (cont.)

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- 44-47. Explanations may vary. Samples are given.
44. Quarts; ounces are too small and gallons are too large.
45. Pounds or ounces; tons are too large.
46. Ounces; a piece of paper is very light.
47. Gallons; quarts or ounces are too small.
48. a. 3 handbreadths; 66 handbreadths; 22 spans  
b. Answers may vary. Sample: Suppose the length of a room is 16 ft. This is 64 handbreadths,  $21\frac{1}{3}$  spans, and  $0.\overline{96}$  rod.  
c. Answers may vary. Sample: Spans; handbreadths are too small and rods are too large.
49. a. mile; about 3,740 mi  
b. Answers may vary. Sample: rod; about 1,196,800 rods
50. no; 2 lb                      51. yes                      52. no; 10 c
53. no; 2 in.                      54. no; 12 ft                      55. no; 1 lb
56.  $8 \text{ c} \cdot \frac{1 \text{ pt}}{2 \text{ c}} = 4 \text{ pt}$ ; the student's answer is not reasonable.
57.  $2\frac{1}{3}$                       58.  $2\frac{1}{2}$                       59. 10,000
60.  $\frac{1}{2}$                       61.  $1\frac{1}{2}$                       62.  $6\frac{1}{2}$
63.  $8\frac{3}{4}$                       64. 21                      65.  $4\frac{1}{2}$
66. 12                      67.  $3\frac{1}{8}$                       68. 5
69. A quarter pound is  $\frac{1}{4}$  of 16 oz, or 4 oz, and 4 oz  $<$  6 oz.
70. ft                      71. gal                      72. t
73. fl oz                      74.  $\frac{3}{4}$                       75. 51