

- ✓ 33. How long would an iceberg be floating a distance of 1000 miles at the rate of 13 miles in 4 hours?
- ✓ 34. A certain room is 30 feet long and 18 feet broad; what is the length of another room of the same area, the breadth being 20 feet?
- ✓ 35. What will $33\frac{1}{2}$ dozen of Apollinaris cost at the rate of \$49 for 32 dozen and 8 bottles?
36. If the price of $43\frac{7}{8}$ yards of linen were \$6 $\frac{5}{16}$, what would $16\frac{1}{8}$ yards cost?
37. How many yards of carpet 1.75 feet wide would cover a floor $8\frac{2}{3}$ yards long and 14 feet broad?
38. A room is $31\frac{1}{8}$ feet long and $15\frac{3}{4}$ feet wide; what is the width of another room of the same size, the length being $35\frac{3}{8}$ feet?
- 4 39. If 5.875 yards cost \$6.75, what will 31.5625 yards cost?
40. A cook's wages are \$288.35 a year; at the end of 118 days what will be owing to her?
- 4 41. A watch gains 10 min. 11 sec. in 24 hours; what will it gain in 6 days 12 hours?
- 4 42. The New York express starting at 5.15 P.M. reaches a station $109\frac{1}{2}$ miles distant at 9 minutes to 8; at what rate per hour does it travel, 10 minutes being allowed for stoppages?
- 4 43. From $\frac{1}{2}$ of 5 cwt. 28 lbs. take $\frac{1}{3}$ of 4 cwt. 56 lbs., and find the cost of the remainder at \$0.96 for 1 cwt. 28 lbs.
44. How long will it take to excavate a cellar 18 ft. long, 12 ft. broad and 10 feet deep, at the rate of 3 cubic yards 5 ft. in 1 hour 26 min.?
- ✓ 45. A cubic foot of water weighs $62\frac{1}{2}$ lbs.; what weight would a vessel 6 in. long, wide and deep contain?
46. From 11.002 take 1.12, and find the value of the remainder at \$0.33 $\frac{1}{3}$ for .0045.