

1. How many books $7\frac{1}{2}$ in. long, $5\frac{1}{2}$ in. wide, and 1 in. thick can be packed into a box 3 ft. 9 in. long, 2 ft. 9 in. wide, and 2 ft. high?
2. How many widths of carpeting 30 in. wide will be required for a room 15 ft. square? How many yards? How many widths of the same carpet will be needed for a room 16 ft. square? How many yards?
3. John was born December 30, 1879. If he is 3 yr. 8 mo. 20 da. younger than his sister, when was his sister born?
4. If the 1st of July comes on Sunday, on what day of the week will the following Christmas come?
5. What per cent of the daily sessions of your school is given to recesses? What per cent to recitation in arithmetic?
6. If in making jelly a pound of sugar is put with a pint of juice, how much sugar is required for 1 gal. $3\frac{1}{2}$ qt. of juice? How much juice could be put with 8 lb. 4 oz. of sugar?
7. If $6\frac{1}{2}$ dozen silver spoons weigh 2 lb. 6 oz., how many ounces will 8 spoons weigh? 1 dozen and 4 spoons?
8. A railroad track has a rise of 24 ft. 8 in. to the mile. How many feet rise is there in 20 miles of road? In how many miles will the rise amount to 200 ft.?
9. How many lots, each containing 70 sq. rd. 150 sq. ft., can be made from 3 A. 84 sq. rd. 111 sq. ft.?
10. How many doses, each of 6m, are there in an ounce bottleful of medicine?
11. How many 4-oz. bottles can be filled from 2 gal. 3 qt. of alcohol?
12. If it takes 17 yd. of silk 27 in. wide to make a dress, how many yards will it take to make the dress if the silk is 32 in. wide?
13. If cloth that is 52 in. wide sells for \$3.80 a yard, what ought to be paid for cloth of the same kind 30 in. wide?
14. How many pills of 80^{ms} each can be made from 16.40^s of calomel?
15. How many barrels of $31\frac{1}{2}$ gal. each will fill a cistern that is 4 ft. square and 6 ft. deep?
16. How many bushels of grain will a bin 8 ft. long, 3 ft. wide, and $4\frac{1}{2}$ ft. high hold?