

1. A demand note of \$1555, dated Nov. 17, 1892, at 6% interest, has had the following payments made: Dec. 1, \$555; Dec. 10, \$332; Dec. 30, \$200; Jan. 10, 468. How much interest was due Jan. 10, when the note was paid in full?
2. Another demand note for \$4512, dated Nov. 22, 1892, at 7% interest, has paid on it, Dec. 5, \$721; Dec. 9, \$758; Dec. 23, \$758; Dec. 27, \$1517; Jan. 10, \$759. How much interest is due Jan. 10?
3. Find the cost of 13,345 bricks at \$8.25 a thousand.
4. How many hundred pounds in .25 of a ton?
5. Find the cost of slating a roof 60 ft. 9 in. long and 42 ft. wide at \$1.75 per square yard.
6. What was Brown & Bowman's loss on .15 of \$1200 worth of goods, if .33 $\frac{1}{2}$  of the goods were destroyed by fire?
7. Sold 3 loads of corn weighing 2340 lb. each at \$.85 a bushel. How much did I receive? (Reckon 56 lb. to the bushel.)
8. A bin 20 ft. long, 8 ft. wide, and 3 ft. 9 in. deep is full of wheat. What is it worth at 80¢ a bushel? (1 bu. = 60 lb.)
9. A certain court contains 60 sq. yd. How many stones 9 in. square will be required to pave it?
10. A can do a piece of work in 5 days, and B in 6. In how long a time can both do it?
11. How many yards of Brussels carpeting 27 in. wide will cover a floor 24 ft. long, 17 ft. 4 in. wide, if strips run lengthwise, and 6 in. are allowed on each strip for matching? What will it cost at \$1.87 $\frac{1}{2}$  per yard?
12. A certain township contains 243,200 acres. How many square miles in the town?
13. If light travels 186,000 miles a second, how long would it take to traverse the space between the earth and sun, a distance of 92,000,000 miles? How long in going around the earth, a distance of 24,899 miles?
14. A merchant having 245 yd. of cloth sold  $\frac{2}{3}$  of it at one time,  $\frac{1}{3}$  at another, and sold the remainder at \$1.33 $\frac{1}{2}$  a yard. Find the value of the remainder.