

1. How many acres in a road $1\frac{1}{2}$ mi. long and 40 ft. wide?
2. If a man can perform a certain piece of work in $6\frac{1}{2}$ days, what part of it can he do in $4\frac{1}{4}$ days?
3. What is the cost of whitening the walls of a room $18\frac{1}{2}$ ft. by 12 ft., and 9 ft. high, at \$.025 a square yard, no allowance for openings? At 62¢ per yard, what will it cost to carpet the room, the carpet being 30 in. wide?
4. How many cords in a load of wood 8 ft. 3 in. long, 4 ft. wide, and 3 ft. 6 in. high? Cost at \$5.75 per cord?
5. How many gallons of water can a cistern contain that is 3 ft. long, 2 ft. wide, $1\frac{1}{2}$ ft. deep? If a cubic foot weighs 1000 ounces, what will be the weight of water that the cistern will hold?
6. $\frac{1}{3}$ of an ox which weighed 1305 lb. was sold to one man, $\frac{2}{3}$ of the remainder to another man. What is the value of the part unsold at $8\frac{1}{2}$ ¢ a pound?
7. If the average daily circulation of a newspaper is 109,680 copies, how many copies are sold in a year, and what is received for them at 2¢ a copy?
8. A circular piece of land 8 rd. in diameter contains how many square rods? How many acres?
9. If water weighs 770 times as much as air, and 1 cu. ft. of water weighs 1000 oz., how many cubic feet of air weighs a pound?
10. Bronze for making house-bells consists of four parts copper and one part tin. How much copper will be needed to make 500 bells, each weighing 10 oz.?
11. A certain kind of brass consists of two parts by weight of copper and one part of zinc. How much copper will it take to make a ton of this kind of brass?
12. How many cubic feet of earth were removed to make a well 40 ft. deep and 6 ft. in diameter?
13. How many liters of water will fill a cistern 4.40^m long, 3^m wide, and 1.60^m deep? How many hektoliters? How much will the cisternful of water weigh?
14. If 18 tons of coal cost \$115.20, what will $6\frac{1}{2}$ tons cost at the same price? What will 12 tons 500 lb. cost?