

EXERCISE

1. Find the number of board feet in the following :
 - (a) A board 12 ft. long, 12 in. wide, and 2 in. thick.
 - (b) A board 16 ft. long, 9 in. wide, and 2 in. thick.
 - (c) A board 18 ft. long, 4 in. wide, and 1 in. thick.
 - (d) A board 14 ft. long, 6 in. wide, and 3 in. thick.
2. How many feet, board measure, are in 12 planks, 16 ft. long, 9 in. wide, and 2 in. thick?
3. How many feet, board measure, are in 100 scantlings, 18 ft. long, 4 in. wide, and 4 in. thick?
4. How much inch lumber will be required to fence a rectangular lot 66 ft. wide by 120 ft. long with a close board fence 6 ft. high?
5. Find the number of feet, board measure, of lumber in
 - 10 pcs. $2'' \times 4'' - 12'$
 - 15 pcs. $3'' \times 9'' - 16'$
 - 12 pcs. $4'' \times 4'' - 18'$
 - 20 pcs. $2'' \times 6'' - 14'$
6. How many feet of lumber are in a load containing 50 pieces 18 ft. long, 8 in. wide, and 3 in. thick and 100 pieces 16 ft. long, 9 in. wide, and 1 in. thick?
7. At \$40.00 per M find the cost of the following :
 - 20 pcs. $1'' \times 12'' - 15'$
 - 50 pcs. $2'' \times 6'' - 12'$
 - 40 pcs. $4'' \times 4'' - 15'$
 - 100 pcs. $3'' \times 4'' - 18'$
 - 200 pcs. $2'' \times 9'' - 16'$
8. At \$30 per M what will it cost to lay a floor in a shed 15 ft. wide and 20 ft. long with plank 2 in. thick?
9. How many feet of lumber will be required to floor a bridge 100 ft. long and 12 ft. wide with 3 in. plank?