(3) Nine pieces of cloth containing 30 yards each, worth $5 a yard, were exchanged for 15 pieces of cloth containing 45 yards each. What was the second cloth worth per yard?

(4) If a farmer exchanges 25 bushels wheat at $1.28 a bus. for cloth at 40 cents a yd., how many yds. does he get?

(5) A tailor bought 24 pieces of cloth, each containing 22 yds., worth $2.25 a yd. He made 54 suits of clothes; how much must he get per suit, so as to make $3 profit on every suit?

(6) A brick is 9 in. long, 3 in. wide and 2 in. thick; how many of such bricks will there be in a pile 12 ft. 6 in. long, 10 ft. 8 in. wide and 6 ft. 9 in. high?

(7) A pile of bricks is $40 \times 27 \times 15$ feet, how many bricks $8 \times 4 \times 2$ inches are there in the pile?

(8) A pile of bricks is 8' 6" high, 14' long and 15' wide (each brick is $8\frac{1}{2}" \times 4" \times 2\frac{1}{2}"$); What is the pile worth at $12.50 a thousand?

(9) Find by cancelling the simplest value of $\dfrac{6950}{45 \times 25 \times 3}$.