

1. A real estate broker bought 12 A. of land at \$600 an acre, and sold it in house-lots at $3\frac{1}{2}$ ¢ a square foot. What was his gain, and what per cent?

2. The price of a single ticket from one town to another is 16 cents. The price of a commutation 100-ride ticket between the same places is \$9.50. What per cent is saved by buying the commutation ticket? What per cent is lost by buying single tickets? If any one holding a commutation ticket were to sell rides at 10 cents a ride, what per cent would he gain on the cost?

3. I buy 1 T. 12 cwt. of oats for \$38, and sell them at 44¢ a bushel. The cost of freight and cartage is $\frac{1}{4}$ ¢ a pound. Reckoning 32 lb. to the bushel, what is the per cent of my gain or loss?

4. On one-half of a cargo of wheat which cost \$2800, a merchant lost 10%. For how much must he sell the other half to gain 10% on his investment? What rate per cent did he make on the sale of the second half?

Make up problems from the following items, and supply missing terms:

	Cost.	Selling Price.	Gain or Loss.	Gain or Loss Per Cent.
5.	\$10.00	\$8.00	?	?
6.	\$20.00	\$22.00	?	?
7.	\$40.00	?	?	10
8.	\$25.00	?	\$10.00	?
9.	\$100.00	?	\$4.50	?
10.	?	\$40.00	?	20
11.	?	\$6.00	\$1.00	?
12.	\$50.00	?	\$0.50	?
13.	\$8.40	?	?	150
14.	\$160.00	?	?	$\frac{1}{2}$
15.	?	\$250.00	\$25.00	?
16.	\$464.00	?	?	$2\frac{1}{2}$
17.	?	\$1840.00	?	6
18.	\$160.80	\$120.40	?	?
19.	\$140.00	?	?	$1\frac{1}{2}$
20.	?	\$1000.00	?	$1\frac{1}{2}$