

SUB-TEST ONE

Find the answers to the problems below as quickly as you can. Do all your figuring on the margin of the page.

1. If a gallon of gasoline costs twenty-four cents, what will five gallons cost?

Ans. \$.....

2. A man buys a house and lot for \$8,500 but is obliged to pay \$500 back taxes on the property. He leases the property at the rate of \$75 a month. What rate of interest does his investment bear?

Ans.%

3. There are 2,240 pounds in a long ton. If a short ton of coal costs \$15, what will ten long tons cost at the same rate per pound?

Ans. \$.....

4. How many square feet of paving will it take to make a walk one yard wide around a rectangular plot of grass forty by thirty feet?

Ans.sq.ft.

5. A boat that can make forty miles an hour in still water makes a trip of one hundred miles down a certain stream. If this trip takes two hours, how long will the return trip take?

Ans.hrs.

SUB-TEST TWO

In each line the numbers are arranged in accordance with some particular scheme. Write in the spaces at the margin the two numbers that should come next. The first two are answered correctly.

1	2	3	4	5	...6... & ...7...
13	11	9	7	5	...3... & ...1...
1	2	4	8	16 &
1	4	9	16	25 &
5	6	8	11	15 &
1/16	1/8	3/16	1/4	5/16 &
121	100	81	64	49 &
22	23	21	24	20 &
.0001	.0004	.0009	.0016	.0025 &
1/8	1/8	1/4	3/4	3 &