

N

1. Cost of 912 lbs. of hay at \$14.50 a ton.
2. At what rate per cent. must I invest \$600 that in $2\frac{1}{2}$ years it may amount to \$705?
3. A man buys 1000 bushels of wheat for \$1250. He finds 15% of it worthless. At how much a bushel must he sell the remainder to gain 20% on the cost?
4. I have a sum of money. I deposit 80% of it in the bank and afterwards withdraw 20% of the deposit. \$5760 remain in the bank. How much had I?
5. If a bird can fly $12\frac{3}{4}$ miles in $\frac{1}{3}$ hour, how far can it fly in $5\frac{1}{2}$ hours?
6. What will be the cost of painting 8 circular pillars, each 42 in. in circumference and 15 ft. high, at 20¢ sq. yd.?

O

1. What per cent. of $\frac{3}{4}$ is $\frac{1}{3}$?
2. If 200% of a number is $\frac{2}{3}$ of 108, what is the number?
3. A note of \$300, payable in 2 months, is dated Aug. 12 and discounted Sept. 1 at 6%. Find the proceeds.
4. Find the difference in time between two places whose difference of longitude is $5^{\circ} 40'$.
5. If I sell wood at \$7.20 a cord and gain 20 per cent., what did it cost me per cord?
6. What is the area in acres of a triangular piece of land whose base is 156 rods and height 63 rods?

P

1. A careless pupil subtracted $\frac{7}{8}$ instead of $\frac{8}{9}$. Was the answer too large or too small, and by how much?
2. Cost of 76 bushels 2 pecks 1 gallon of clover seed at \$2.40 a bushel.
3. How much must a man's salary be in order that 17 per cent. of it may be \$204?