

twenty miles to learn to write, and 9 learn to read; what is the number of together once in each?

*Ans.* 5 in grammar, 30 in geography, 24 in arithmetic; 12 learn to write, and 9 learn to read.

proceeding up 93. A man, driving his geese to market, was met by per hour, while another, who said, "Good morrow, sir, with your hundred e same; if both geese;" says he, "I have not a hundred; but if I had, in d move them 8 addition to my present number, one half as many as I now a each starting have, and  $2\frac{1}{2}$  geese more, I should have a hundred:" how many had he?

and  $187\frac{1}{2}$  miles 100— $2\frac{1}{2}$  is what part of his present number?

*Ans.* He had 65 geese.

wine for £275 94. In an orchard of fruit trees,  $\frac{1}{2}$  of them bear apples, ain two quarts,  $\frac{1}{4}$  pears,  $\frac{1}{6}$  plums, 60 of them peaches, and 40, cherries; remainder so as how many trees does the orchard contain? *Ans.* 1200.

at rate per gal. 95. In a certain village,  $\frac{1}{3}$  of the houses are painted white *Ans.* £5'936+  $\frac{1}{4}$  red, and  $\frac{1}{6}$  yellow, 3 are painted green, and 7 are unpaint- ed; how many houses in the village? *Ans.* 120.

3d. apiece, and 96. Seven eighths of a certain number exceed four fifths of d for a certain the same number by 6; required the number.

v much money  $\frac{7}{8} - \frac{4}{5} = \frac{3}{40}$ ; consequently, 6 is  $\frac{3}{40}$  of the required num- ber. *Ans.* 80.

Harry? 97. What number is that, to which if  $\frac{1}{5}$  of itself be added, d 250 melons. the sum will be 30? *Ans.* 25.

the fourth part 98. What number is that to which if its  $\frac{1}{2}$  and  $\frac{1}{4}$  be added, e in this army? the sum will be 84?

usually wrought  $84 = 1 + \frac{1}{2} + \frac{1}{4} = \frac{3}{4}$  times the required number. *Ans.* 48.

e easily solved 99. What number is that, which, being increased by  $\frac{2}{3}$  e army; there- and  $\frac{2}{3}$  of itself, and by 22 more, will be made 3 times as and if  $\frac{1}{2}$  be much?

? 24000 men The number, being taken 1,  $\frac{2}{3}$ , and  $\frac{2}{3}$  times, will make p he had, answ  $2\frac{1}{15}$  times and 22 is evidently what that wants of 3 times, rst were  $\frac{1}{4}$  of *Ans.* 30.

the fourth  $\frac{1}{12}$ , 100. What number is that, which being increased by  $\frac{2}{3}$ , *Ans.* 1200.

the mud,  $\frac{1}{3}$  in  $\frac{2}{3}$  and  $\frac{2}{3}$  of itself, the sum will be  $234\frac{2}{3}$ ? *Ans.* 90.

; required the 101. B, C, and D; talking of their ages, C said his age was once and a half the age of B, and D said his age was

*Ans.*  $\frac{1}{2}$  twice and one tenth the age of both, and that the sum of their ages was 93; what was the age of each?

*Ans.* 90 feet. *Ans.* B 12 years, C 18 years, D 63 years old.

follows:  $\frac{1}{15}$  of 102. A schoolmaster being asked how many scholars he

arithmetic,  $\frac{2}{3}$