V.

1. A post is $\frac{1}{6}$ in the ground, $\frac{4}{9}$ in the water, and 14 feet out of the water; find the length of the post.

2. One-sixteenth of a certain number exceeds $\frac{1}{20}$ of it by 11; find the number.

3. Find the number whose eighth part and twelfth part together make 10.

4. After giving away $\frac{2}{9}$, $\frac{5}{12}$ and $\frac{4}{15}$ of my money, I had $51 left; how much had I at first?

5. Reduce $\frac{1}{2}\frac{2}{3}\frac{4}{2}\frac{2}{3}$ to its lowest terms.

6. What number, divided by $3\frac{2}{7}$, will give $8\frac{1}{3}$ for quotient?

7. Subtract half the sum of $\frac{2}{9}$ and $\frac{3}{5}$ from $\frac{2}{3}+\frac{3}{4}+\frac{5}{6}$.

8. After spending $\frac{8}{15}$ of my money, I lost $\frac{5}{6}$ of what remained, and then had $28; how much had I at first?

9. If $\frac{1}{3} + \frac{1}{10}$ of a farm were worth $50, what would half the remainder be worth?

10. Divide the sum of $3\frac{1}{4}$ and $2\frac{1}{3}$ by their difference.

11. Express $\frac{2}{3}$ of $\frac{5}{6}$ of 12 acres as a fraction of 17 square miles.

12. Find the difference between the sum and the product of $\frac{5}{8}$ and $2\frac{7}{12}$.

13. Difference between $\frac{4\frac{2}{3}}{\frac{8}{9}}$ and $2\frac{3}{8}$?

14. What number must be added to $4\frac{1}{4}$ that $\frac{1}{6}$ of the sum may be $47\frac{1}{4}$?

15. Express $3\frac{1}{4}$ inches as a fraction of $4\frac{1}{2}$ yds.

16. Take $\frac{1}{3}$ of $\frac{1}{7}$ of £12. 12s. from $\frac{2}{3}$ of $\frac{3}{4}$ of £5.

17. Divide the difference between $\frac{5}{12}$ and $\frac{3}{5}$ by the product of $1\frac{1}{2}$ and $\frac{5}{8}$.

18. I own $\frac{3}{4}$ of a ship and sell $\frac{8}{9}$ of my share for $914; how much is the whole ship worth?