

## PROBLEMS FOR PRACTICE

Multiply:

1. 2928 by 364.
2. 7319 by 394.
3. 5698 by 792.
4. 3186 by 839.
5. 42308 by 692.
6. 876 by itself.
7. 78 by 10.
8. 57 by 1000.
9. 52 by 99.
10. 16 by 25.
11. 92 by 11.
12. 103 by 25.
13. There are 746 watts in a horse-power. How many watts are there in 20 horse-power? (Suggestion: Multiply 746 by 20.)
14. A piston has an area of approximately 113 square inches. If the steam pressure is 47 pounds per square inch, what is the total pressure upon it?
15. If one hundred bolts 1" in diameter and 16" long weigh 449 lbs., how much will 5500 bolts of the same size weigh?
16. A wheel 113" in diameter travels 355 inches every revolution. How far will it travel in 1929 revolutions?
17. How many inches in 76 feet? How many days in 17 common years?