

GRADED ARITHMETIC.

1. How many tiles 5 in. square will cover 10 sq. ft. ?
2. How many feet in a mile ? in $\frac{1}{4}$ of a mile ? in $\frac{3}{8}$ of a mile ?
3. How many yards in a mile ? in $\frac{3}{4}$ of a mile ?
4. What part of a mile is 20 rd. ? 1320 ft. ? 500 yd. ?
5. 6 cubic feet is what part of a cubic yard ?
6. How many cords in a pile of wood containing 384 cu. ft. ? 672 cu. ft. ?
7. How many yards in 8.6^m ? in 500^m ? 5800^m ?
8. How many meters in $6\frac{1}{4}$ yd. ? in 1 mi. ?
9. How many square inches in the surface of a cubical block whose edges are 4 inches long ?
10. How many square feet in the surface of a box $3\frac{1}{4}$ ft. long, $2\frac{1}{4}$ ft. wide, and $1\frac{1}{4}$ ft. high ?
11. If it takes $5\frac{1}{4}$ yd. of silk 20 in. wide to line a cloak, how many yards 30 in. wide will it take ?
12. A cistern having two pipes entering into it can be filled in 2 h. 20 m. How long will it take if another pipe of equal size be used ?
13. At the time of death, what was the age of Washington, who was born February 22, 1732, and who died December 14, 1799 ?
14. The area of a square field is 64 sq. rd. How many yards long is a fence that incloses the field ?
15. The cost of 4 boxes of oranges is \$12. How many boxes at the same rate can be bought for \$459 ?
16. If $\frac{3}{4}$ of a cord of wood costs \$4, what will 2 cords cost ?
17. How many pounds in 5 T. 243 lb. ?
18. Change 196 T. to hundredweights.
19. $\frac{3}{4}$ cwt. is what part of a ton ? 3 cwt. ? 750 lb. ?
20. Reduce 42,800 pints to bushels.

Find the cost of :

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| 21. 32 bu. potatoes @ \$.30. | 25. 5 gal. molasses @ 15¢. |
| 22. 40 lb. of coffee @ $\$ \frac{3}{4}$. | 26. 8 lb. butter @ 28¢. |
| 23. 15 bbl. of apples @ $\$ 2\frac{1}{4}$. | 27. 18 T. coal @ $\$ 5\frac{1}{4}$. |
| 24. 12 yd. cotton cloth @ $12\frac{1}{4}$ ¢. | 28. 18 lb. sugar @ 5¢. |