Name: __Loz__   Date: __3-10-2021__

-13   25/38 Redo

Lesson 9.2   Multiplying by Tens, Hundreds, or Thousands

Multiply.

1. $4.85 \times 10 =$ __48.5__

2. $0.375 \times 10 =$ __3.75__

3. $4.928 \times 100 =$ __492.8__

4. $0.23 \times 1{,}000 =$ __230__

Complete.

5. $7.45 \times$ __10__ $= 74.5$

6.   __66.22__ $\times 10 = 662.2$

7. $0.809 \times$ __100__ $= 80.9$

8.   __4.03__ $\times 100 = 403$

9. $5.7 \times$ __1,000__ $= 5{,}700$

10.   __0.108__ $\times 1{,}000 = 108$

Complete.

11. $513 = 51.3 \times$ __10__

$513 = 5.13 \times$ __100__

$513 = 0.513 \times$ __1,000__

12. $4{,}016 =$ __401.6__ $\times 10$

$4{,}016 =$ __40.16__ $\times 100$

$4{,}016 =$ __4.016__ $\times 1{,}000$

Complete.

13. $0.954 \times 60 = (0.954 \times$ __6__ $) \times 10$

$=$ __6__ $\times 10$

$=$ __60__

14. $0.376 \times 800 = (0.376 \times$ __8__ $) \times 100$

$=$ __8__ $\times 100$

$=$ __800__

Example

$0.685 \times 10 = 6.85$

$0.685 \times 10^2 = 68.5$

$0.685 \times 10^3 = 685$

Multiply.

21. $7.309 \times 10^2 =$ __730,900__   22. $0.065 \times 10^2 =$ __6.5__

23. $0.485 \times 10^3 =$ __485__   24. $2.005 \times 10^3 =$ __2,005,000__

Complete. Write 10, 10², or 10³.

25. $0.085 \times$ __1,000__ $= 85$ 26. $9.08 \times$ __100__ $= 908$

27. $0.5 \times$ __1,000__ $= 500$ 28. $0.07 \times$ __1,000__ $= 70$

Complete. Write 10, 10², or 10³.

29. $91 = 9.1 \times$ __10__

     $91 = 0.91 \times$ __10^2__

     $91 = 0.091 \times$ __10^3__

30. $482 = 48.2 \times$ __10__

     $482 = 4.82 \times$ __10^2__

     $482 = 0.482 \times$ __10^3__

31. $915 = 0.915 \times$ __10__

     $915 = 91.5 \times$ __10^2__

     $915 = 9.15 \times$ __10^3__

32. $48.2 = 0.0482 \times$ __10__

     $48.2 = 0.482 \times$ __10^2__

     $48.2 = 4.82 \times$ __10^3__