

WS MS-2 Decimals

Find the product. Then check that your answer is reasonable.

1. 4.1×3.5

2. 7.6×2.3

3. 0.4×0.04

4. 0.08×7

5. 0.14×0.85

6. 2.01×3.14

7. 6.3×4.005

8. 0.86×5.041

9. 0.004×0.057

Estimate the product.

10. 7.41×82.3

11. 0.46×3.1

12. 0.15×6.72

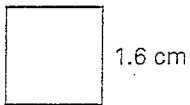
Find the area of the rectangle.

13. $l = 6.2$ mm, $w = 5$ mm

14. $l = 21.6$ yd, $w = 12$ yd

15. $l = 0.25$ in., $w = 0.4$ in.

16. Find the perimeter of the square.



17. Describe and correct the error in finding the product of 4.02 and 4.02.

$$\begin{array}{r} 4.02 \\ \times 4.02 \\ \hline 8\ 04 \\ 1608\ 0 \\ \hline 1616.04 \end{array}$$

Evaluate the expression when $a = 4.23$ and $b = 6.04$.

18. $3.5a$

19. $27.5b$

20. ab

21. A gallon of gasoline at the local gas station costs \$1.35. If you put 8 gallons of gasoline in your car, how much will it cost you?

22. A tennis court is 23.77 meters long and 8.23 meters wide. Find the area of the tennis court. Round your answer to the nearest hundredth.

23. In 2000, the average annual salary for a person living in Boulder, Colorado was about 1.009 times the average annual salary for a person living in Seattle, Washington. If the average annual salary in Seattle was \$45,171, what was the average annual salary in Boulder? Round your answer to the nearest dollar.

Where do mummies go on vacation?

DIRECTIONS: Solve each problem below on another sheet of paper. Each time your answer occurs in the decoder, write the letter of the problem above it.

*BYE, UNCLE TUT!
HAVE A NICE TRIP!*



1. $10 - 6.35 =$ _____ (D)
2. $.7 + 4.3 + 8 + 6.91 =$ _____ (H)
3. $.789 + 3.496 + 10 + .008 =$ _____ (O)

4. $8.974 - 3.2 =$ _____ (S)
5. $(16.923 - 4.37) + 2.8 =$ _____ (T)
6. $(8.3 + 7) - (6 - 2.3) =$ _____ (R)
7. $94.32 - 68.94 =$ _____ (I)
8. $(9 - 3.02) + (6.35 - 1.49) =$ _____ (E)
9. $74 + .06 + 7.08 + 3.71 =$ _____ (P)
10. $(.9 - .043) + (6.3 - .09) =$ _____ (F)

15.353 19.91 10.84

84.85 10.84 15.353 11.6 25.38 7.067 25.38 10.84 3.65

7.067 14.293 11.6 10.84 5.774 15.353