***Multiplying Decimals***

Name: Div.: Date:

When multiplying with decimals just multiply normally and place the decimal in the answer. Place the decimal so there is the same number of digits after the decimal in the answer as were behind the decimal in the question.

NOTE: 2 times 3 = 2 x 3 = 2(3) = (2)(3)

Ex. 3.3 x 0.22 <= 3 digits after the decimals (.3 & .22)

Answer = 0.726 <= 3 digits after the decimal (.726)

**Estimate, and then find the product.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 1) | 0.5  x  5 | | |  |  | | --- | --- | | 2) | 0.5  x  50 | |
| |  |  | | --- | --- | | 3) | 3(7.7) | | |  |  | | --- | --- | | 4) | (30)(7.7) | |
| |  |  | | --- | --- | | 5) | (9.6) (1.5) | | |  |  | | --- | --- | | 6) | 2.5 (12.8) | |
| |  |  | | --- | --- | | 7) | 0.61 x 14 | | |  |  | | --- | --- | | 8) | 1.27 (209) | |
| |  |  | | --- | --- | | 9) | 13(0.95) | | |  |  | | --- | --- | | 10) | (3.46)(15) | |
| |  |  | | --- | --- | | 11) | 10.6 (7.04) | | |  |  | | --- | --- | | 12) | 6.84  x  81.2 | |
| |  |  | | --- | --- | | 13) | (1.8)(3.04) | | |  |  | | --- | --- | | 14) | 2.7  x  0.56 | |
| |  |  | | --- | --- | | 15) | 5.20  x  3.9 | | |  |  | | --- | --- | | 16) | 1.45  x  5.7 | |
| |  |  | | --- | --- | | 17) | (1.49) (60.21) | | |  |  | | --- | --- | | 18) | 6.97 x 9.26 | |
| |  |  | | --- | --- | | 19) | 25.074(1.9) | | |  |  | | --- | --- | | 20) | 70.92 (6.91) | |