

## Decimals in expanded form

### Grade 5 Place Value Worksheet

Write the numbers in expanded form.

Example:  $43.287 = 40 + 3 + 0.2 + 0.08 + 0.007$

1) 2,336.2 \_\_\_\_\_

2) 302.111 \_\_\_\_\_

3) 27,434.2 \_\_\_\_\_

4) 920.710 \_\_\_\_\_

5) 491.031 \_\_\_\_\_

6) 174.832 \_\_\_\_\_

7) 1,696.29 \_\_\_\_\_

8) 378.772 \_\_\_\_\_

9) 4,441.26 \_\_\_\_\_

10) 8,493.32 \_\_\_\_\_

11) 513.857 \_\_\_\_\_

12) 749.744 \_\_\_\_\_

13) 327.457 \_\_\_\_\_

14) 355.13 \_\_\_\_\_

15) 3,707.14 \_\_\_\_\_

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Write the numbers in expanded form.

Example:  $43.287 = 40 + 3 + 0.2 + 0.08 + 0.007$

1)  $2,336.2 = 2,000 + 300 + 30 + 6 + 0.2$

2)  $302.111 = 300 + 2 + 0.1 + 0.01 + 0.001$

3)  $27,434.2 = 20,000 + 7,000 + 400 + 30 + 4 + 0.2$

4)  $920.710 = 900 + 20 + 0.7 + 0.01$

5)  $491.031 = 400 + 90 + 1 + 0.03 + 0.001$

6)  $174.832 = 100 + 70 + 4 + 0.8 + 0.03 + 0.002$

7)  $1,696.29 = 1,000 + 600 + 90 + 6 + 0.2 + 0.09$

8)  $378.772 = 300 + 70 + 8 + 0.7 + 0.07 + 0.002$

9)  $4,441.26 = 4,000 + 400 + 40 + 1 + 0.2 + 0.06$

10)  $8,493.32 = 8,000 + 400 + 90 + 3 + 0.3 + 0.02$

11)  $513.857 = 500 + 10 + 3 + 0.8 + 0.05 + 0.007$

12)  $749.744 = 700 + 40 + 9 + 0.7 + 0.04 + 0.004$

13)  $327.457 = 300 + 20 + 7 + 0.4 + 0.05 + 0.007$

14)  $355.13 = 300 + 50 + 5 + 0.1 + 0.03$

15)  $3,707.14 = 3,000 + 700 + 7 + 0.1 + 0.04$