



Decimals in expanded form

Grade 6 Place Value Worksheet

Write the numbers in expanded form.

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

1) 1,724.2 _____

2) 87.093 _____

3) 7,494.83 _____

4) 4,868.4 _____

5) 92.854 _____

6) 55.063 _____

7) 688.59 _____

8) 88,377.3 _____

9) 46.683 _____

10) 3,606.6 _____

11) 4,894.8 _____

12) 3,567.57 _____

13) 19,346.4 _____

14) 783.741 _____

15) 24,515.1 _____



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

1) $1,724.2 = 1,000 + 700 + 20 + 4 + 0.2$

2) $87.093 = 80 + 7 + 0.09 + 0.003$

3) $7,494.83 = 7,000 + 400 + 90 + 4 + 0.8 + 0.03$

4) $4,868.4 = 4,000 + 800 + 60 + 8 + 0.4$

5) $92.854 = 90 + 2 + 0.8 + 0.05 + 0.004$

6) $55.063 = 50 + 5 + 0.06 + 0.003$

7) $688.59 = 600 + 80 + 8 + 0.5 + 0.09$

8) $88,377.3 = 80,000 + 8,000 + 300 + 70 + 7 + 0.3$

9) $46.683 = 40 + 6 + 0.6 + 0.08 + 0.003$

10) $3,606.6 = 3,000 + 600 + 6 + 0.6$

11) $4,894.8 = 4,000 + 800 + 90 + 4 + 0.8$

12) $3,567.57 = 3,000 + 500 + 60 + 7 + 0.5 + 0.07$

13) $19,346.4 = 10,000 + 9,000 + 300 + 40 + 6 + 0.4$

14) $783.741 = 700 + 80 + 3 + 0.7 + 0.04 + 0.001$

15) $24,515.1 = 20,000 + 4,000 + 500 + 10 + 5 + 0.1$