

Name

Date



EXPANDED FORM TO 3DP SHEET 4B

Write down these numbers in expanded form.

1) $327.328 = 3 \times 100 + 2 \times 10 + 7 \times 1 + 3 \times \frac{1}{10} + 2 \times \frac{1}{100} + 8 \times \frac{1}{1000}$

2) $24.79 = \underline{\quad} \times 10 + \underline{\quad} \times 1 + \underline{\quad} \times \frac{1}{10} + \underline{\quad} \times \frac{1}{100}$

3) $1.275 =$

4) $943.7 =$

5) $82.73 =$

6) $0.726 =$

7) $6.81 =$

8) $532.95 =$

9) $27.381 =$

10) $9.127 =$

11) $723.59 =$

12) $9.378 =$

13) $48.125 =$

14) $75.023 =$

15) $803.27 =$

16) $19.205 =$

17) $384.157 =$

18) $940.29 =$

19) $612.092 =$

20) $53.284 =$

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EXPANDED FORM TO 3DP SHEET 4B ANSWERS

Write down these numbers in expanded form.

$$1) \quad 327.328 = 3 \times 100 + 2 \times 10 + 7 \times 1 + 3 \times \frac{1}{10} + 2 \times \frac{1}{100} + 8 \times \frac{1}{1000}$$

$$2) \quad 24.79 = 2 \times 10 + 4 \times 1 + 7 \times \frac{1}{10} + 9 \times \frac{1}{100}$$

$$3) \quad 1.275 = 1 \times 1 + 2 \times \frac{1}{10} + 7 \times \frac{1}{100} + 5 \times \frac{1}{1000}$$

$$4) \quad 943.7 = 9 \times 100 + 4 \times 10 + 3 \times 1 + 7 \times \frac{1}{10}$$

$$5) \quad 82.73 = 8 \times 10 + 2 \times 1 + 7 \times \frac{1}{10} + 3 \times \frac{1}{100}$$

$$6) \quad 0.726 = 0 \times 1 + 7 \times \frac{1}{10} + 2 \times \frac{1}{100} + 6 \times \frac{1}{1000}$$

$$7) \quad 6.81 = 6 \times 1 + 8 \times \frac{1}{10} + 1 \times \frac{1}{100}$$

$$8) \quad 532.95 = 5 \times 100 + 3 \times 10 + 2 \times 1 + 9 \times \frac{1}{10} + 5 \times \frac{1}{100}$$

$$9) \quad 27.381 = 2 \times 10 + 7 \times 1 + 3 \times \frac{1}{10} + 8 \times \frac{1}{100} + 1 \times \frac{1}{1000}$$

$$10) \quad 9.127 = 9 \times 1 + 1 \times \frac{1}{10} + 2 \times \frac{1}{100} + 7 \times \frac{1}{1000}$$

$$11) \quad 723.59 = 7 \times 100 + 2 \times 10 + 3 \times 1 + 5 \times \frac{1}{10} + 9 \times \frac{1}{100}$$

$$12) \quad 9.378 = 9 \times 1 + 3 \times \frac{1}{10} + 7 \times \frac{1}{100} + 8 \times \frac{1}{1000}$$

$$13) \quad 48.125 = 4 \times 10 + 8 \times 1 + 1 \times \frac{1}{10} + 2 \times \frac{1}{100} + 5 \times \frac{1}{1000}$$

$$14) \quad 75.023 = 7 \times 10 + 5 \times 1 + 0 \times \frac{1}{10} + 2 \times \frac{1}{100} + 3 \times \frac{1}{1000}$$

$$15) \quad 803.27 = 8 \times 100 + 0 \times 10 + 3 \times 1 + 2 \times \frac{1}{10} + 7 \times \frac{1}{100}$$

$$16) \quad 19.205 = 1 \times 10 + 9 \times 1 + 2 \times \frac{1}{10} + 0 \times \frac{1}{100} + 5 \times \frac{1}{1000}$$

$$17) \quad 384.157 = 3 \times 100 + 8 \times 10 + 4 \times 1 + 1 \times \frac{1}{10} + 5 \times \frac{1}{100} + 7 \times \frac{1}{1000}$$

$$18) \quad 940.29 = 9 \times 100 + 4 \times 10 + 0 \times 1 + 2 \times \frac{1}{10} + 9 \times \frac{1}{100}$$

$$19) \quad 612.092 = 6 \times 100 + 1 \times 10 + 2 \times 1 + 0 \times \frac{1}{10} + 9 \times \frac{1}{100} + 2 \times \frac{1}{1000}$$

$$20) \quad 53.284 = 5 \times 10 + 3 \times 1 + 2 \times \frac{1}{10} + 8 \times \frac{1}{100} + 4 \times \frac{1}{1000}$$
