

Name _____

Date _____



MULTIPLYING DECIMALS BY 100 SHEET 1A (UP TO 1DP)

A) Work out these multiplications.

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| 1) $0.7 \times 100 =$ _____ | 2) $0.2 \times 100 =$ _____ | 3) $100 \times 0.8 =$ _____ |
| 4) $1.2 \times 100 =$ _____ | 5) $100 \times 1.5 =$ _____ | 6) $1.8 \times 100 =$ _____ |
| 7) $100 \times 1.6 =$ _____ | 8) $2.2 \times 100 =$ _____ | 9) $100 \times 3.1 =$ _____ |
| 10) $4.2 \times 100 =$ _____ | 11) $100 \times 2.9 =$ _____ | 12) $48 \times 100 =$ _____ |
| 13) $100 \times 7.3 =$ _____ | 14) $54 \times 100 =$ _____ | 15) $100 \times 3.7 =$ _____ |
| 16) $88 \times 100 =$ _____ | 17) $100 \times 4.7 =$ _____ | 18) $5.9 \times 100 =$ _____ |
| 19) $100 \times 7.8 =$ _____ | 20) $6.5 \times 100 =$ _____ | 21) $100 \times 18.4 =$ _____ |
| 22) $19.6 \times 100 =$ _____ | 23) $100 \times 25.9 =$ _____ | 24) $140 \times 100 =$ _____ |

B) Make each of these numbers 100 times bigger.

- | | | |
|------------------------------|------------------------------|-----------------------------|
| 1) $2.3 \rightarrow$ _____ | 2) $1.6 \rightarrow$ _____ | 3) $6.1 \rightarrow$ _____ |
| 4) $9 \rightarrow$ _____ | 5) $3.4 \rightarrow$ _____ | 6) $7.5 \rightarrow$ _____ |
| 7) $4.3 \rightarrow$ _____ | 8) $42 \rightarrow$ _____ | 9) $11.4 \rightarrow$ _____ |
| 10) $12.1 \rightarrow$ _____ | 11) $38.2 \rightarrow$ _____ | 12) $579 \rightarrow$ _____ |

C) Fill in the missing numbers

- | | | |
|---------------------------------|---------------------------------|--------------------------------|
| 1) $1.3 \times$ _____ $= 130$ | 2) _____ $\times 100 = 180$ | 3) $100 \times$ _____ $= 250$ |
| 4) _____ $\times 19 = 1900$ | 5) $7.5 \times 100 =$ _____ | 6) _____ $\times 4.2 = 420$ |
| 7) $100 \times$ _____ $= 360$ | 8) _____ $\times 100 = 7500$ | 9) $100 \times$ _____ $= 1420$ |
| 10) _____ $\times 12.8 = 1280$ | 11) $100 \times$ _____ $= 9420$ | 12) _____ $\times 100 = 3950$ |
| 13) $100 \times$ _____ $= 2700$ | 14) _____ $\times 8.9 = 890$ | 15) $29.7 \times 100 =$ _____ |



MULTIPLYING DECIMALS BY 100 SHEET 1A ANSWERS

A) Work out these multiplications.

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| 1) $0.7 \times 100 = \underline{70}$ | 2) $0.2 \times 100 = \underline{20}$ | 3) $100 \times 0.8 = \underline{80}$ |
| 4) $1.2 \times 100 = \underline{120}$ | 5) $100 \times 1.5 = \underline{150}$ | 6) $1.8 \times 100 = \underline{180}$ |
| 7) $100 \times 1.6 = \underline{160}$ | 8) $2.2 \times 100 = \underline{220}$ | 9) $100 \times 3.1 = \underline{310}$ |
| 10) $4.2 \times 100 = \underline{420}$ | 11) $100 \times 2.9 = \underline{290}$ | 12) $48 \times 100 = \underline{4800}$ |
| 13) $100 \times 7.3 = \underline{730}$ | 14) $54 \times 100 = \underline{5400}$ | 15) $100 \times 3.7 = \underline{370}$ |
| 16) $88 \times 100 = \underline{8800}$ | 17) $100 \times 4.7 = \underline{470}$ | 18) $5.9 \times 100 = \underline{590}$ |
| 19) $100 \times 7.8 = \underline{780}$ | 20) $6.5 \times 100 = \underline{650}$ | 21) $100 \times 18.4 = \underline{1840}$ |
| 22) $19.6 \times 100 = \underline{1960}$ | 23) $100 \times 25.9 = \underline{2590}$ | 24) $140 \times 100 = \underline{14000}$ |

B) Make each of these numbers 100 times bigger.

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|---|---|---|
| 1) $2.3 \rightarrow \underline{230}$ | 2) $1.6 \rightarrow \underline{160}$ | 3) $6.1 \rightarrow \underline{610}$ |
| 4) $9 \rightarrow \underline{900}$ | 5) $3.4 \rightarrow \underline{340}$ | 6) $7.5 \rightarrow \underline{750}$ |
| 7) $4.3 \rightarrow \underline{430}$ | 8) $42 \rightarrow \underline{4200}$ | 9) $11.4 \rightarrow \underline{1140}$ |
| 10) $12.1 \rightarrow \underline{1210}$ | 11) $38.2 \rightarrow \underline{3820}$ | 12) $579 \rightarrow \underline{57900}$ |

C) Fill in the missing numbers

- | | | |
|--|--|--|
| 1) $1.3 \times \underline{100} = 130$ | 2) $\underline{1.8} \times 100 = 180$ | 3) $100 \times \underline{2.5} = 250$ |
| 4) $\underline{100} \times 19 = 1900$ | 5) $7.5 \times 100 = \underline{750}$ | 6) $\underline{100} \times 4.2 = 420$ |
| 7) $100 \times \underline{3.6} = 360$ | 8) $\underline{75} \times 100 = 7500$ | 9) $100 \times \underline{14.2} = 1420$ |
| 10) $\underline{100} \times 12.8 = 1280$ | 11) $100 \times \underline{94.2} = 9420$ | 12) $\underline{39.5} \times 100 = 3950$ |
| 13) $100 \times \underline{27} = 2700$ | 14) $\underline{100} \times 8.9 = 890$ | 15) $29.7 \times 100 = \underline{2970}$ |