

Name _____

Date _____



MULTIPLYING DECIMALS BY 100 SHEET 1B (UP TO 2DP)

A) Work out these multiplications.

- | | | |
|-------------------------------|--------------------------------|--------------------------------|
| 1) $0.27 \times 100 =$ _____ | 2) $0.32 \times 100 =$ _____ | 3) $100 \times 0.4 =$ _____ |
| 4) $1.25 \times 100 =$ _____ | 5) $100 \times 0.91 =$ _____ | 6) $1.58 \times 100 =$ _____ |
| 7) $100 \times 21.6 =$ _____ | 8) $12.2 \times 100 =$ _____ | 9) $100 \times 3.61 =$ _____ |
| 10) $457 \times 100 =$ _____ | 11) $100 \times 22.9 =$ _____ | 12) $0.72 \times 100 =$ _____ |
| 13) $100 \times 17.3 =$ _____ | 14) $3.57 \times 100 =$ _____ | 15) $100 \times 54.9 =$ _____ |
| 16) $0.68 \times 100 =$ _____ | 17) $100 \times 64.7 =$ _____ | 18) $5.29 \times 100 =$ _____ |
| 19) $100 \times 7.08 =$ _____ | 20) $6.95 \times 100 =$ _____ | 21) $100 \times 78.4 =$ _____ |
| 22) $0.56 \times 100 =$ _____ | 23) $100 \times 25.97 =$ _____ | 24) $14.27 \times 100 =$ _____ |

B) Make each of these numbers 100 times bigger.

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| 1) $1.47 \rightarrow$ _____ | 2) $52.6 \rightarrow$ _____ | 3) $3.91 \rightarrow$ _____ |
| 4) $734 \rightarrow$ _____ | 5) $62.9 \rightarrow$ _____ | 6) $5.05 \rightarrow$ _____ |
| 7) $0.93 \rightarrow$ _____ | 8) $2.69 \rightarrow$ _____ | 9) $129.4 \rightarrow$ _____ |
| 10) $15.71 \rightarrow$ _____ | 11) $218.9 \rightarrow$ _____ | 12) $35.49 \rightarrow$ _____ |

C) Fill in the missing numbers

- | | | |
|----------------------------------|---------------------------------|--------------------------------|
| 1) $1.37 \times$ _____ $= 13.7$ | 2) _____ $\times 100 = 1.8$ | 3) $100 \times$ _____ $= 16.5$ |
| 4) _____ $\times 12.9 = 129$ | 5) $57.5 \times 100 =$ _____ | 6) _____ $\times 100 = 740$ |
| 7) $100 \times$ _____ $= 3.6$ | 8) _____ $\times 100 = 158$ | 9) $100 \times$ _____ $= 34.2$ |
| 10) _____ $\times 12.8 = 128$ | 11) $100 \times$ _____ $= 73.2$ | 12) _____ $\times 100 = 193$ |
| 13) $100 \times$ _____ $= 147.2$ | 14) _____ $\times 8.19 = 81.9$ | 15) $0.91 \times 100 =$ _____ |

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MULTIPLYING DECIMALS BY 100 SHEET 1B (UP TO 2DP)

A) Work out these multiplications.

- | | | |
|--|---|---|
| 1) $0.27 \times 100 = \underline{27}$ | 2) $0.32 \times 100 = \underline{32}$ | 3) $100 \times 0.4 = \underline{40}$ |
| 4) $1.25 \times 100 = \underline{125}$ | 5) $100 \times 0.91 = \underline{91}$ | 6) $1.58 \times 100 = \underline{158}$ |
| 7) $100 \times 21.6 = \underline{2160}$ | 8) $12.2 \times 100 = \underline{1220}$ | 9) $100 \times 3.61 = \underline{361}$ |
| 10) $457 \times 100 = \underline{45700}$ | 11) $100 \times 22.9 = \underline{2290}$ | 12) $0.72 \times 100 = \underline{72}$ |
| 13) $100 \times 17.3 = \underline{1730}$ | 14) $3.57 \times 100 = \underline{357}$ | 15) $100 \times 54.9 = \underline{5490}$ |
| 16) $0.68 \times 100 = \underline{68}$ | 17) $100 \times 64.7 = \underline{6470}$ | 18) $5.29 \times 100 = \underline{529}$ |
| 19) $100 \times 7.08 = \underline{708}$ | 20) $6.95 \times 100 = \underline{695}$ | 21) $100 \times 78.4 = \underline{7840}$ |
| 22) $0.56 \times 100 = \underline{56}$ | 23) $100 \times 25.97 = \underline{2597}$ | 24) $14.27 \times 100 = \underline{1427}$ |

B) Make each of these numbers 100 times bigger.

- | | | |
|--|---|--|
| 1) $1.47 \rightarrow \underline{147}$ | 2) $52.6 \rightarrow \underline{5260}$ | 3) $3.91 \rightarrow \underline{391}$ |
| 4) $734 \rightarrow \underline{73400}$ | 5) $62.9 \rightarrow \underline{6290}$ | 6) $5.05 \rightarrow \underline{505}$ |
| 7) $0.93 \rightarrow \underline{93}$ | 8) $2.69 \rightarrow \underline{269}$ | 9) $129.4 \rightarrow \underline{12940}$ |
| 10) $15.71 \rightarrow \underline{1571}$ | 11) $218.9 \rightarrow \underline{21890}$ | 12) $35.49 \rightarrow \underline{3549}$ |

C) Fill in the missing numbers

- | | | |
|---|---|--|
| 1) $1.37 \times \underline{100} = 137$ | 2) $\underline{0.18} \times 100 = 18$ | 3) $100 \times \underline{1.65} = 165$ |
| 4) $\underline{100} \times 12.9 = 1290$ | 5) $57.5 \times 100 = \underline{5750}$ | 6) $\underline{74} \times 100 = 7400$ |
| 7) $100 \times \underline{0.36} = 36$ | 8) $\underline{15.8} \times 100 = 1580$ | 9) $100 \times \underline{3.42} = 342$ |
| 10) $\underline{100} \times 12.8 = 1280$ | 11) $100 \times \underline{7.32} = 732$ | 12) $\underline{19.3} \times 100 = 1930$ |
| 13) $100 \times \underline{14.72} = 1472$ | 14) $\underline{100} \times 8.19 = 819$ | 15) $0.91 \times 100 = \underline{91}$ |