

Name _____

Date _____



MULTIPLYING DECIMALS BY 10 SHEET 1A (UP TO 1DP)

A) Work out these multiplications.

- | | | |
|------------------------------|------------------------------|------------------------------|
| 1) $0.7 \times 10 =$ _____ | 2) $0.2 \times 10 =$ _____ | 3) $10 \times 0.8 =$ _____ |
| 4) $1.2 \times 10 =$ _____ | 5) $10 \times 1.5 =$ _____ | 6) $1.8 \times 10 =$ _____ |
| 7) $10 \times 1.6 =$ _____ | 8) $2.2 \times 10 =$ _____ | 9) $10 \times 3.1 =$ _____ |
| 10) $4.2 \times 10 =$ _____ | 11) $10 \times 2.9 =$ _____ | 12) $4.8 \times 10 =$ _____ |
| 13) $10 \times 7.3 =$ _____ | 14) $54 \times 10 =$ _____ | 15) $10 \times 3.7 =$ _____ |
| 16) $88 \times 10 =$ _____ | 17) $10 \times 4.7 =$ _____ | 18) $5.9 \times 10 =$ _____ |
| 19) $10 \times 7.8 =$ _____ | 20) $6.5 \times 10 =$ _____ | 21) $10 \times 18.4 =$ _____ |
| 22) $19.6 \times 10 =$ _____ | 23) $10 \times 25.9 =$ _____ | 24) $148 \times 10 =$ _____ |

B) Make each of these numbers ten times bigger.

- | | | |
|------------------------------|------------------------------|------------------------------|
| 1) $1.4 \rightarrow$ _____ | 2) $2.6 \rightarrow$ _____ | 3) $3.1 \rightarrow$ _____ |
| 4) $4 \rightarrow$ _____ | 5) $1.9 \rightarrow$ _____ | 6) $5.5 \rightarrow$ _____ |
| 7) $7.3 \rightarrow$ _____ | 8) $69 \rightarrow$ _____ | 9) $9.4 \rightarrow$ _____ |
| 10) $15.1 \rightarrow$ _____ | 11) $28.6 \rightarrow$ _____ | 12) $54.9 \rightarrow$ _____ |

C) Fill in the missing numbers

- | | | |
|-------------------------------|-------------------------------|------------------------------|
| 1) $1.3 \times$ _____ $= 13$ | 2) _____ $\times 10 = 18$ | 3) $10 \times$ _____ $= 15$ |
| 4) _____ $\times 1.9 = 19$ | 5) $7.5 \times 10 =$ _____ | 6) _____ $\times 4.2 = 42$ |
| 7) $10 \times$ _____ $= 36$ | 8) _____ $\times 10 = 150$ | 9) $10 \times$ _____ $= 142$ |
| 10) _____ $\times 12.8 = 128$ | 11) $10 \times$ _____ $= 742$ | 12) _____ $\times 10 = 395$ |
| 13) $10 \times$ _____ $= 472$ | 14) _____ $\times 8.9 = 89$ | 15) $29.7 \times 10 =$ _____ |



MULTIPLYING DECIMALS BY 10 SHEET 1A ANSWERS

A) Work out these multiplications.

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| 1) $0.7 \times 10 = \underline{7}$ | 2) $0.2 \times 10 = \underline{2}$ | 3) $10 \times 0.8 = \underline{8}$ |
| 4) $1.2 \times 10 = \underline{12}$ | 5) $10 \times 1.5 = \underline{15}$ | 6) $1.8 \times 10 = \underline{18}$ |
| 7) $10 \times 1.6 = \underline{16}$ | 8) $2.2 \times 10 = \underline{22}$ | 9) $10 \times 3.1 = \underline{31}$ |
| 10) $4.2 \times 10 = \underline{42}$ | 11) $10 \times 2.9 = \underline{29}$ | 12) $4.8 \times 10 = \underline{48}$ |
| 13) $10 \times 7.3 = \underline{73}$ | 14) $54 \times 10 = \underline{540}$ | 15) $10 \times 3.7 = \underline{37}$ |
| 16) $88 \times 10 = \underline{880}$ | 17) $10 \times 4.7 = \underline{47}$ | 18) $5.9 \times 10 = \underline{59}$ |
| 19) $10 \times 7.8 = \underline{78}$ | 20) $6.5 \times 10 = \underline{65}$ | 21) $10 \times 18.4 = \underline{184}$ |
| 22) $19.6 \times 10 = \underline{196}$ | 23) $10 \times 25.9 = \underline{259}$ | 24) $148 \times 10 = \underline{1480}$ |

B) Make each of these numbers ten times bigger.

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|--|--|--|
| 1) $1.4 \rightarrow \underline{14}$ | 2) $2.6 \rightarrow \underline{26}$ | 3) $3.1 \rightarrow \underline{31}$ |
| 4) $4 \rightarrow \underline{40}$ | 5) $1.9 \rightarrow \underline{19}$ | 6) $5.5 \rightarrow \underline{55}$ |
| 7) $7.3 \rightarrow \underline{73}$ | 8) $69 \rightarrow \underline{690}$ | 9) $9.4 \rightarrow \underline{94}$ |
| 10) $15.1 \rightarrow \underline{151}$ | 11) $28.6 \rightarrow \underline{286}$ | 12) $54.9 \rightarrow \underline{549}$ |

C) Fill in the missing numbers

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|--|--|--|
| 1) $1.3 \times \underline{10} = 13$ | 2) $\underline{1.8} \times 10 = 18$ | 3) $10 \times \underline{1.5} = 15$ |
| 4) $\underline{10} \times 1.9 = 19$ | 5) $7.5 \times 10 = \underline{75}$ | 6) $\underline{10} \times 4.2 = 42$ |
| 7) $10 \times \underline{3.6} = 36$ | 8) $\underline{15} \times 10 = 150$ | 9) $10 \times \underline{14.2} = 142$ |
| 10) $\underline{10} \times 12.8 = 128$ | 11) $10 \times \underline{74.2} = 742$ | 12) $\underline{39.5} \times 10 = 395$ |
| 13) $10 \times \underline{47.2} = 472$ | 14) $\underline{10} \times 8.9 = 89$ | 15) $29.7 \times 10 = \underline{297}$ |