

Name _____

Date _____



MULTIPLYING DECIMALS BY 10 SHEET 1B (UP TO 2DP)

A) Work out these multiplications.

- | | | |
|------------------------------|-------------------------------|-------------------------------|
| 1) $0.27 \times 10 =$ _____ | 2) $0.32 \times 10 =$ _____ | 3) $10 \times 0.4 =$ _____ |
| 4) $1.25 \times 10 =$ _____ | 5) $10 \times 0.91 =$ _____ | 6) $1.58 \times 10 =$ _____ |
| 7) $10 \times 21.6 =$ _____ | 8) $12.2 \times 10 =$ _____ | 9) $10 \times 3.61 =$ _____ |
| 10) $4.52 \times 10 =$ _____ | 11) $10 \times 22.9 =$ _____ | 12) $0.72 \times 10 =$ _____ |
| 13) $10 \times 17.3 =$ _____ | 14) $54.9 \times 10 =$ _____ | 15) $10 \times 3.57 =$ _____ |
| 16) $0.68 \times 10 =$ _____ | 17) $10 \times 6.47 =$ _____ | 18) $5.29 \times 10 =$ _____ |
| 19) $10 \times 7.08 =$ _____ | 20) $6.95 \times 10 =$ _____ | 21) $10 \times 78.4 =$ _____ |
| 22) $0.56 \times 10 =$ _____ | 23) $10 \times 25.97 =$ _____ | 24) $14.27 \times 10 =$ _____ |

B) Make each of these numbers ten 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) $1.37 \times \underline{\hspace{1cm}} = 13.7$ | 2) $\underline{\hspace{1cm}} \times 10 = 1.8$ | 3) $10 \times \underline{\hspace{1cm}} = 16.5$ |
| 4) $\underline{\hspace{1cm}} \times 12.9 = 129$ | 5) $57.5 \times 10 = \underline{\hspace{1cm}}$ | 6) $\underline{\hspace{1cm}} \times 10 = 740$ |
| 7) $10 \times \underline{\hspace{1cm}} = 3.6$ | 8) $\underline{\hspace{1cm}} \times 10 = 158$ | 9) $10 \times \underline{\hspace{1cm}} = 34.2$ |
| 10) $\underline{\hspace{1cm}} \times 12.8 = 128$ | 11) $10 \times \underline{\hspace{1cm}} = 73.2$ | 12) $\underline{\hspace{1cm}} \times 10 = 193$ |
| 13) $10 \times \underline{\hspace{1cm}} = 147.2$ | 14) $\underline{\hspace{1cm}} \times 8.19 = 81.9$ | 15) $0.91 \times 10 = \underline{\hspace{1cm}}$ |



MULTIPLYING DECIMALS BY 10 SHEET 1B ANSWERS

A) Work out these multiplications.

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|---|---|---|
| 1) $0.27 \times 10 = \underline{2.7}$ | 2) $0.32 \times 10 = \underline{3.2}$ | 3) $10 \times 0.4 = \underline{4}$ |
| 4) $1.25 \times 10 = \underline{12.5}$ | 5) $10 \times 0.91 = \underline{9.1}$ | 6) $1.58 \times 10 = \underline{15.8}$ |
| 7) $10 \times 21.6 = \underline{216}$ | 8) $12.2 \times 10 = \underline{122}$ | 9) $10 \times 3.61 = \underline{36.1}$ |
| 10) $4.52 \times 10 = \underline{45.2}$ | 11) $10 \times 22.9 = \underline{229}$ | 12) $0.72 \times 10 = \underline{7.2}$ |
| 13) $10 \times 17.3 = \underline{173}$ | 14) $54.9 \times 10 = \underline{549}$ | 15) $10 \times 3.57 = \underline{35.7}$ |
| 16) $0.68 \times 10 = \underline{6.8}$ | 17) $10 \times 6.47 = \underline{64.7}$ | 18) $5.29 \times 10 = \underline{52.9}$ |
| 19) $10 \times 7.08 = \underline{70.8}$ | 20) $6.95 \times 10 = \underline{69.5}$ | 21) $10 \times 78.4 = \underline{784}$ |
| 22) $0.56 \times 10 = \underline{5.6}$ | 23) $10 \times 25.97 = \underline{259.7}$ | 24) $14.27 \times 10 = \underline{142.7}$ |

B) Make each of these numbers ten times bigger.

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|---|--|---|
| 1) $1.47 \rightarrow \underline{14.7}$ | 2) $52.6 \rightarrow \underline{526}$ | 3) $3.91 \rightarrow \underline{39.1}$ |
| 4) $734 \rightarrow \underline{7340}$ | 5) $62.9 \rightarrow \underline{629}$ | 6) $5.05 \rightarrow \underline{50.5}$ |
| 7) $0.93 \rightarrow \underline{9.3}$ | 8) $2.69 \rightarrow \underline{26.9}$ | 9) $129.4 \rightarrow \underline{1294}$ |
| 10) $15.71 \rightarrow \underline{157.1}$ | 11) $218.9 \rightarrow \underline{2189}$ | 12) $35.49 \rightarrow \underline{354.9}$ |

C) Fill in the missing numbers

- | | | |
|---|---|--|
| 1) $1.37 \times \underline{10} = 13.7$ | 2) $\underline{0.18} \times 10 = 1.8$ | 3) $10 \times \underline{1.65} = 16.5$ |
| 4) $\underline{10} \times 12.9 = 129$ | 5) $57.5 \times 10 = \underline{575}$ | 6) $\underline{74} \times 10 = 740$ |
| 7) $10 \times \underline{0.36} = 3.6$ | 8) $\underline{15.8} \times 10 = 158$ | 9) $10 \times \underline{3.42} = 34.2$ |
| 10) $\underline{10} \times 12.8 = 128$ | 11) $10 \times \underline{7.32} = 73.2$ | 12) $\underline{19.3} \times 10 = 193$ |
| 13) $10 \times \underline{14.72} = 147.2$ | 14) $\underline{10} \times 8.19 = 81.9$ | 15) $0.91 \times 10 = \underline{9.1}$ |