

Name _____

Date _____



MULTIPLY & DIVIDE BY 10 AND 100 SHEET 3 (UP TO 3DP)

A) Multiply these numbers by 10 or 100.

- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| 1) $5.47 \times 10 =$ _____ | 2) $0.752 \times 10 =$ _____ | 3) $100 \times 1.26 =$ _____ |
| 4) $2.019 \times 100 =$ _____ | 5) $10 \times 1.035 =$ _____ | 6) $52.29 \times 100 =$ _____ |
| 7) $10 \times 0.198 =$ _____ | 8) $3.754 \times 100 =$ _____ | 9) $10 \times 6.827 =$ _____ |

B) Divide these numbers by 10 or 100.

- | | | |
|----------------------------|---------------------------|----------------------------|
| 1) $31.2 \div 10 =$ _____ | 2) $9.07 \div 10 =$ _____ | 3) $81.5 \div 100 =$ _____ |
| 4) $27.4 \div 100 =$ _____ | 5) $148 \div 100 =$ _____ | 6) $34.1 \div 10 =$ _____ |
| 7) $763 \div 100 =$ _____ | 8) $3.07 \div 10 =$ _____ | 9) $13 \div 100 =$ _____ |

C) **10** or **100** times **bigger** or **smaller**? Circle the correct amounts.

- | |
|---|
| 1) 2.73 is 10x 100x bigger smaller than 27.3 |
| 1) 0.147 is 10x 100x bigger smaller than 1.47 |
| 2) 54.3 is 10x 100x bigger smaller than 0.543 |
| 3) 0.95 is 10x 100x bigger smaller than 0.095 |
| 4) 0.704 is 10x 100x bigger smaller than 70.4 |

D) Multiply or divide these numbers by 10 or 100.

- | | | |
|-----------------------------|-------------------------------|------------------------------|
| 1) $1.35 \times 10 =$ _____ | 2) $100 \times 0.651 =$ _____ | 3) $42.8 \div 100 =$ _____ |
| 4) $5.2 \div 10 =$ _____ | 5) $0.275 \times 100 =$ _____ | 6) $73.16 \div 10 =$ _____ |
| 7) $54.3 \div 100 =$ _____ | 8) $10 \times 0.673 =$ _____ | 9) $5.08 \times 100 =$ _____ |
| 10) $92.7 \div 10 =$ _____ | 11) $0.426 \times 10 =$ _____ | 12) $183 \div 100 =$ _____ |



MULTIPLY & DIVIDE BY 10 AND 100 SHEET 3 ANSWERS

A) Multiply these numbers by 10 or 100.

- 1) $5.47 \times 10 = \underline{54.7}$ 2) $0.752 \times 10 = \underline{7.52}$ 3) $100 \times 1.26 = \underline{126}$
 4) $2.019 \times 100 = \underline{201.9}$ 5) $10 \times 1.035 = \underline{10.35}$ 6) $52.29 \times 100 = \underline{5229}$
 7) $10 \times 0.198 = \underline{1.98}$ 8) $3.754 \times 100 = \underline{375.4}$ 9) $10 \times 6.827 = \underline{68.27}$

B) Divide these numbers by 10 or 100.

- 1) $31.2 \div 10 = \underline{3.12}$ 2) $9.07 \div 10 = \underline{0.907}$ 3) $81.5 \div 100 = \underline{0.815}$
 4) $27.4 \div 100 = \underline{0.274}$ 5) $148 \div 100 = \underline{1.48}$ 6) $34.1 \div 10 = \underline{3.41}$
 7) $763 \div 100 = \underline{7.63}$ 8) $3.07 \div 10 = \underline{0.307}$ 9) $13 \div 100 = \underline{0.13}$

C) **10** or **100** times **bigger** or **smaller**? Circle the correct amounts.

- 1) **2.73** is 10x 100x *bigger* smaller than **27.3**
 1) **0.147** is 10x 100x *bigger* smaller than **1.47**
 2) **54.3** is 10x 100x bigger *smaller* than **0.543**
 3) **0.95** is 10x 100x bigger *smaller* than **0.095**
 4) **0.704** is 10x 100x *bigger* smaller than **70.4**

D) Multiply or divide these numbers by 10 or 100.

- 1) $1.35 \times 10 = \underline{13.5}$ 2) $100 \times 0.651 = \underline{65.1}$ 3) $42.8 \div 100 = \underline{0.428}$
 4) $5.2 \div 10 = \underline{0.52}$ 5) $0.275 \times 100 = \underline{27.5}$ 6) $73.16 \div 10 = \underline{7.316}$
 7) $54.3 \div 100 = \underline{0.543}$ 8) $10 \times 0.673 = \underline{6.73}$ 9) $5.08 \times 100 = \underline{508}$
 10) $92.7 \div 10 = \underline{9.27}$ 11) $0.426 \times 10 = \underline{4.26}$ 12) $183 \div 100 = \underline{1.83}$