

Name: \_\_\_\_\_

Year: \_\_\_\_\_

Date: \_\_\_\_\_



# Multiplying Decimals



**Section A** Answer these questions as quickly as you can.

$0.6 \times 10$   
\_\_\_\_\_

$91 \div 10$   
\_\_\_\_\_

$40.8 \times 10$   
\_\_\_\_\_

$875 \div 10$   
\_\_\_\_\_

**Section B** Use the integer multiplication to find the answer to the multiplication by a decimal.

$$\begin{array}{r} 1) \quad 27 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2) \quad 84 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3) \quad 62 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4) \quad 108 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5) \quad 639 \\ \times \quad 8 \\ \hline \end{array}$$

6)  $2.7 \times 3 =$  \_\_\_\_\_ 7)  $8.4 \times 5 =$  \_\_\_\_\_ 8)  $62 \times 0.9 =$  \_\_\_\_\_ 9)  $108 \times 0.6 =$  \_\_\_\_\_ 10)  $63.9 \times 8 =$  \_\_\_\_\_

**Section C**

1)  $3 \times 0.4 =$  \_\_\_\_\_ 5)  $4 \times 1.9 =$  \_\_\_\_\_ 9)  $7 \times 16.2 =$  \_\_\_\_\_

2)  $9 \times 0.7 =$  \_\_\_\_\_ 6)  $5 \times 2.7 =$  \_\_\_\_\_ 10)  $13.9 \times 8 =$  \_\_\_\_\_

3)  $8 \times 0.2 =$  \_\_\_\_\_ 7)  $6 \times 3.8 =$  \_\_\_\_\_ 11)  $4 \times 57.4 =$  \_\_\_\_\_

4)  $0.6 \times 4 =$  \_\_\_\_\_ 8)  $9.3 \times 2 =$  \_\_\_\_\_ 12)  $36.4 \times 7 =$  \_\_\_\_\_

**Section D**

1) Daniel wants to lose 1.2 kg each week before his competition. His competition is in 9 weeks. How much weight does Daniel want to lose in total?

2) Anita has £1.55. She wants to buy 6 apples which cost £0.30 each.  
a. Does she have enough money?

b. How much more money does she need to buy 10 apples?