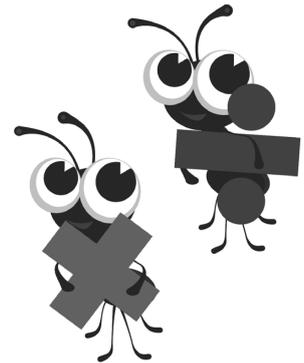
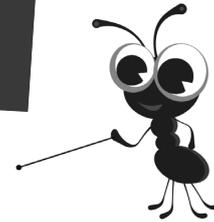


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Multiplying and dividing by 10, 100, 1000 including decimals

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000



Challenge 1

Complete each calculation with the correct operation.

a  $6 \square 100 = 600$

b  $9000 = 100 \square 90$

c  $840 \square 10 = 8400$

d  $700 \square 10 = 70$

e  $2100 \square 10 = 210$

f  $420 \square 100 = 42\,000$

Challenge 2

Look at the start number. Follow the instructions on each card to find each number until you reach the finish.

Start  $\square$   $\times 10$   $\times 10$   $\div 1000$   $\times 100$   $\div 10$   $\div 100$   $\times 1000$   $\div 10$  Finish  $\square$

$3$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$

Start  $\square$   $\times 1000$   $\div 100$   $\div 10$   $\times 1000$   $\div 100$   $\times 10$   $\times 10$   $\div 10$  Finish  $\square$

$7$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$

Challenge 3

Fill in the missing numbers to make this game complete. Look at each start number. Multiply or divide by 10, 100 or 1000 to reach the final number.

Start  $\square$   $\times \square$   $\times \square$   $\div \square$   $\div \square$   $\times \square$   $\div \square$   $\div \square$   $\times \square$  Finish  $50$

$5$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$



Make your own place value game. Write a start number. Multiply or divide by 10, 100 or 1000. Give it to an adult to solve. Check they are correct.

Start  $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$  Finish  $\square$

$\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$