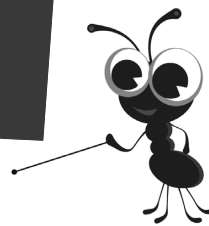


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Multiplying using multiples of 10 and adjusting



Multiply numbers mentally drawing upon known facts

Challenge  
1

a  $23 \times 10 =$

b  $47 \times 10 =$

c  $62 \times 10 =$

d  $31 \times 10 =$

e  $55 \times 10 =$

f  $76 \times 10 =$

Challenge  
2

Multiply each number by 19.  
Multiply by 20 first, then adjust  
to find the answer.

**Example**  $23 \times 19 = (23 \times 20) - 23$   
 $= 460 - 23$   
 $= 437$

a $14 \times 19 =$	b $25 \times 19 =$
c $46 \times 19 =$	d $37 \times 19 =$

Challenge  
3

Think of a way that multiplying by a multiple of 10 and adjusting might help to work out the answers to these calculations. Show your working.

a $42 \times 21$	b $24 \times 28$
c $36 \times 41$	d $53 \times 29$



Explain to someone at home the quick way of multiplying using multiplying by a multiple of 10 and adjusting. Ask them to work out two of the calculations using your quick method on the back of this sheet.