

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

# Multiplying and halving



- Multiply and divide numbers mentally drawing upon known facts
- Multiply whole numbers by 10 and 100

1 Work out the answers to these  $\times 5$  calculations by multiplying by 10 and then dividing by 2.

## Example

$$34 \times 5 \rightarrow \boxed{34 \times 10} = \boxed{340} \div 2 = \boxed{170}$$

a  $62 \times 5 \rightarrow$   =   $\div 2 =$

b  $48 \times 5 \rightarrow$   =   $\div 2 =$

c  $26 \times 5 \rightarrow$   =   $\div 2 =$

d  $45 \times 5 \rightarrow$   =   $\div 2 =$

e  $67 \times 5 \rightarrow$   =   $\div 2 =$

f  $53 \times 5 \rightarrow$   =   $\div 2 =$

2 Work out the answers to these  $\times 50$  calculations by multiplying by 100 and then dividing by 2.

## Example

$$43 \times 50 \rightarrow \boxed{43 \times 100} = \boxed{4300} \div 2 = \boxed{2150}$$

a  $42 \times 50 \rightarrow$   =   $\div 2 =$

b  $28 \times 50 \rightarrow$   =   $\div 2 =$

c  $64 \times 50 \rightarrow$   =   $\div 2 =$

d  $25 \times 50 \rightarrow$   =   $\div 2 =$

e  $65 \times 50 \rightarrow$   =   $\div 2 =$

f  $47 \times 50 \rightarrow$   =   $\div 2 =$