

# Using closely related facts to multiply

Activity Sheet 28

Name.....

## Let's practise

**1** a  $5 \times \underline{\quad} = 35$       b  $\underline{\quad} \times 9 = 36$       c  $\underline{\quad} \times \underline{\quad} = 42$

**2** Complete.  $9 \times 17 = (10 \times 17) - (1 \times 17) = 170 - 17 = 153$

a  $9 \times 15 = (\underline{10} \times \underline{15}) - (\underline{\quad} \times \underline{\quad}) = \underline{\quad} - \underline{\quad} = \underline{\quad}$

b  $9 \times 18 = (\underline{\quad} \times \underline{\quad}) - (\underline{\quad} \times \underline{\quad}) = \underline{\quad} - \underline{\quad} = \underline{\quad}$

c  $9 \times 21 = (\underline{\quad} \times \underline{\quad}) - (\underline{\quad} \times \underline{\quad}) = \underline{\quad} - \underline{\quad} = \underline{\quad}$

**3** Complete.  $11 \times 14 = (10 \times 14) + (1 \times 14) = 140 + 14 = 154$

a  $11 \times 15 = (\underline{10} \times \underline{15}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

b  $11 \times 19 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

c  $11 \times 23 = (\underline{\quad} \times \underline{\quad}) + (\underline{\quad} \times \underline{\quad}) = \underline{\quad} + \underline{\quad} = \underline{\quad}$

## Let's investigate

**4** Investigate the missing digits in the  $9 \times$  and  $11 \times$  diagrams.

