1. Complete

(i) $2 \times 4 = \ldots$

$\times 2 \downarrow \qquad \downarrow \times 2$

$4 \times 4 = \ldots$

(ii) $2 \times 3 = \ldots$

$\times 2 \downarrow \qquad \downarrow \times 2$

$4 \times 3 = \ldots$

$\times 2 \downarrow \qquad \downarrow \times 2$

$8 \times 3 = \ldots$

2. Complete {possible facts: {4, 8} × {3, 4} and v.v.}

(i) $8 \times 4 =$ .... (ii) $3 \times 4 =$ .... (ii) $8 \times 3 =$ ....

3. Complete

(i) $2 \times 7 = \ldots$

$\times 2 \downarrow \qquad \downarrow \times 2$

$4 \times 7 = \ldots$

(ii) $2 \times 6 = \ldots$

$\times 2 \downarrow \qquad \downarrow \times 2$

$4 \times 6 = \ldots$

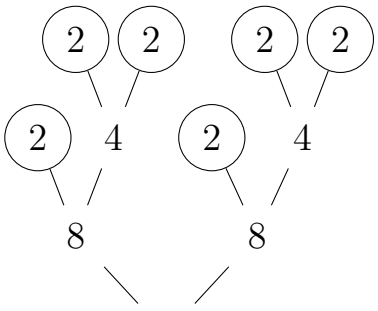
$\times 2 \downarrow \qquad \downarrow \times 2$

$8 \times 6 = \ldots$

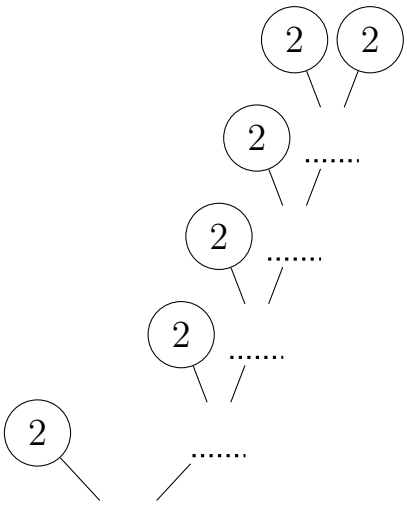
4. Complete {possible facts: {4, 8} × {6, 7, 8} and v.v.}

(i) $8 \times 4 =$ .... (ii) $8 \times 6 =$ ....

5. Complete **one** prime factor tree to work out 8^2



Quick: $8^2 =$ .....



Easy: $2^6 = 8^2 =$ .....

6. Not written yet

6. .....

7. Complete **one** of these methods to work out 3×7

$$\begin{array}{r} 7 \\ 7 \\ +\ 7 \\ \hline \\ \ldots \\ \hline \end{array}$$

or

$$7 + 7 + 7 = \ldots$$

or

$$\begin{array}{rcl} 1 \times 7 = & \ldots & \\ \times 2 \downarrow & & \downarrow \times 2 \\ 2 \times 7 = & \ldots & \\ \hline \\ 3 \times 7 = & \ldots & \\ \hline \end{array}$$

8. Complete {possible facts: 3 × {3, 6, 7} and v.v.}

(i) $3 \times 3 =$ .... (ii) $6 \times 3 =$ .... (iii) $3 \times 7 =$ ....

9. Complete these three square numbers

(i) $1^2 =$ ..... (ii) $3^2 =$ ..... (iii) $7^2 =$ .....

10. Complete this method to work out 7×6

$$\begin{array}{rcl} 1 \times 6 = & \ldots & \\ \times 2 \downarrow & & \downarrow \times 2 \\ 2 \times 6 = & \ldots & \\ \times 2 \downarrow & & \downarrow \times 2 \\ 4 \times 6 = & \ldots & \\ \hline \\ 7 \times 6 = & \ldots & \\ \hline \end{array}$$

11. Complete

(i) $7 \times 7 =$ .... (ii) $6 \times 6 =$ .... (iii) $7 \times 6 =$ ....