1. (a) Complete these 2 methods to work out 4×8 (if you can't remember the answer).

         (i) $2 \times 8 =$ ...   (ii) $2 \times 4 =$ ...

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

           $4 \times 8 =$ ... $4 \times 4 =$ ...

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

                                     $8 \times 4 =$ ...

(b) Which is the easiest way for you (i) or (ii) ? ....

2. You can use the 4's and 8's trick for larger numbers too.
   Complete these

    (i) $2 \times 32 =$ ...   (ii) $2 \times 128 =$ ...

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

     $4 \times 32 =$ ... $4 \times 128 =$ ...

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

                                $8 \times 128 =$ ...

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improve $\times$ facts (1) Q1 (a) 32   Q2 (i) 128 (ii) 1024, Q3:

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3. Complete

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

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

$4 \times 4 = \ldots$

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

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

$4 \times 3 = \ldots$

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

$8 \times 3 = \ldots$

4. Complete

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

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

$4 \times 3 = \ldots$

(i) $2 \times 8 = \ldots$

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

$4 \times 8 = \ldots$

3. Complete

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

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

$4 \times 4 = \ldots$

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

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

$4 \times 3 = \ldots$

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

$8 \times 3 = \ldots$

4. Complete

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

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

$4 \times 3 = \ldots$

(i) $2 \times 8 = \ldots$

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

$4 \times 8 = \ldots$