1. One way to work out a multiply fact is to draw a rectangle and count the squares.

   Here are two identical rectangles, both are 3 squares high and 10 squares wide.

   Depending how we count we show a way to work out either 3×10 or 10×3

"3 lots of 10" $= 3 \times 10 =$ ...

1	2	3	4	5	6	7	8	9	
11	12	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	28	29	

"10 lots of 3" $= 10 \times 3 =$ ...

1	4	7	10	13	16	19	22	25	28
2	5	8	11	14	17	20	23	26	29

(a) Complete the speech bubbles and the multiply facts

A quicker way to multiply is to write out the multiples, but which way is easiest?

In this example writing out the *multiples of 10* is easier than the multiples of 3.

Question (written in 2 ways)	One way of working	Another way of working
e.g. 3×10 or $10 \times 3 =$ *30* ...	10 *20* *30*	3 ... ...

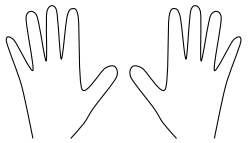
Remember sometimes you might "know" the answer ...

... and sometimes there will be a quicker way.

(b) Complete these multiplication facts - only complete the way that is easiest for you.

Question (written in 2 ways)	One way of working	Another way of working
(i) 6×5 or $5 \times 6 =$ ...	5	6 ... ...
(ii) 2×7 or $7 \times 2 =$ ...	7 ...	2 ... ...

Here is a spare pair of hands if you need them ⟶



2. One way to work out a multiply fact is to draw a rectangle and count the squares.
   Here are two identical rectangles, both are 3 squares high and 5 squares wide.
   Depending how we count we show a way to work out either 3×5 or 5×3

"3 lots of 5" $= 3 \times 5 =$ ...

1	2	3	4	
6	7	8	9	
11	12	13	14	

"5 lots of 3" $= 5 \times 3 =$ ...

1	4	7	10	13
2	5	8	11	14

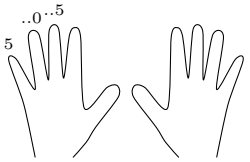
(a) Complete the speech bubbles and the multiply facts

A quicker way to multiply is to write out the multiples, but which way is easiest?
In this example writing out the *multiples of 5* is easier than the multiples of 3.

Question (written in 2 ways)	One way of working	Another way of working
e.g. 3×5 or $5 \times 3 =$ *15* ...	5 *10* *15*	3 ... ...

Remember sometimes you might "know" the answer ...

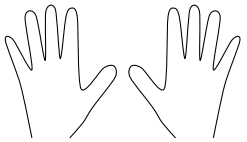
... and sometimes there will be a quicker way.



(b) Complete these multiplication facts - only complete the way that is easiest for you.

Question (written in 2 ways)	One way of working	Another way of working
(i) 8×9 or $9 \times 8 =$ ...	9	8 ... ...
(ii) 7×10 or $10 \times 7 =$ ...	10	7 ... ...

Here is a spare pair of hands if you need them ⟶



Answers

1. (i) 30, (ii) 14
2. (i) 72, (ii) 70