

WALT: Use doubling to calculate times table facts.

Steps to success:

- \* I can double numbers to 100.
- \* I can recognise multiples of 2 and 4.
- \* I can count in 2s and 4s.
- \* I can use doubling and halving to calculate 4 x and 8x table facts.

$1 \times 2 = 2$

$2 \times 2 = 4$

$3 \times 2 = 6$

$4 \times 2 = 8$

$5 \times 2 = 10$

$6 \times 2 = 12$

$7 \times 2 = 14$

$8 \times 2 = 16$

$1 \times 4 =$

$2 \times 4 =$

$3 \times 4 =$

$4 \times 4 =$

$5 \times 4 =$

$6 \times 4 =$

$7 \times 4 =$

$8 \times 4 =$

$1 \times 8 =$

$2 \times 8 =$

$3 \times 8 =$

$4 \times 8 =$

$5 \times 8 =$

$6 \times 8 =$

$7 \times 8 =$

$8 \times 8 =$

2  
4  
6  
8  
10  
12  
14  
16  
18  
20

4  
8  
12  
16  
20  
24  
28  
32  
36  
40

8  
16  
24  
32  
40  
48  
56  
64  
72  
80

To x by 4: Double and double again

To x by 8: Double, double and double again.

$$6 \times 4 = \text{Double } 6 = 12$$
$$\text{Double } 12 = 24$$

$$6 \times 8 = \text{Double } 6 = 12$$
$$\text{Double } 12 = 24$$
$$\text{Double } 24 = 48$$

$$3 \times 8 =$$

*How could we work this out?*

$$3 \times 2 = \square$$

$$3 \times 4 = \square$$

$$3 \times 8 = \square$$

$$\text{Double } 3 = \square$$

$$\text{Double } \square = \square$$

$$\text{Double } \square = \square$$

Plenary

Fill in the gaps:

$$3 \times \square = 24$$

$$\square = 56 \div 8$$

$$6 \times 4 = 8 \times \square$$