

Year Group: Year 3

Strand: Number

Topic: Doubling

Learning Objective: Work out quickly the doubles of multiples of 5 and 10

Doubling Strategies

Strategy 1:

Doubling multiples of 10

$$10 = 20$$

$$20 = 40$$

$$200 = 400$$

$$2000 = 4000$$

Strategy 2:

Partition-double-add

$$45 = 40 + 5$$

Double 40 is 80

Double 5 is 10

$$80 + 10 = 90$$

Strategy 3:

Repeated addition

Double 45 is: $45 + 45 = 90$

Strategy 4:

Multiplying the number by 2

Double 45 is $45 \times 2 = 90$