

Addition methods

Partitioning

$$36 + 28 = 64$$

$$\begin{array}{c} \swarrow \quad \searrow \\ 20 \quad 8 \end{array}$$

$$36 + 20 = 56$$

$$56 + 8 = 64$$

Adding Multiples of 10

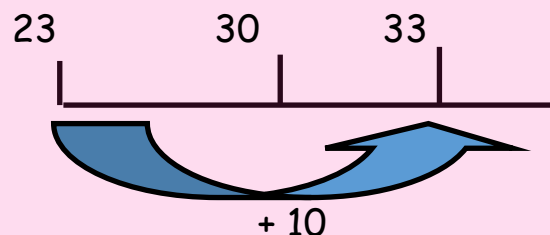
$$30 + 50 = 80$$

$$70 + 50 = 120$$

Use a numbersquare or 10p pieces to help if needed.

Count on in tens / add ten to any number:

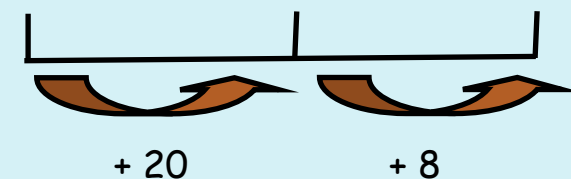
$$23 + 10 = 33$$



Use a number line

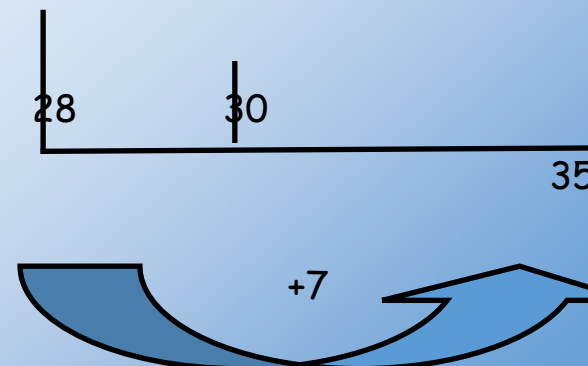
$$36 + 28 = 64$$

$$36 \qquad 56 \qquad 64$$



Count on in Ones from any two digit number

$$28 + 7 = 35$$



Grouping

$$36 + 8 = 44$$

$$30 + 6 + 8 = 50$$

$$30 + 14 = 44$$

Grouping

$$36 + 28 = 64$$

$$30 + 20 = 50 \quad (\text{group the 10's})$$

$$6 + 8 = 14 \quad (\text{group the units})$$

Apply the same method for larger numbers

$$234 + 128 = 362$$

$$200 + 100 = 300$$

$$30 + 20 = 50$$

$$4 + 8 = 12$$

$$234 + 128 =$$

$$230 + 120 = 350$$

$$4 + 8 = 12$$

$$350 + 12 = 362$$

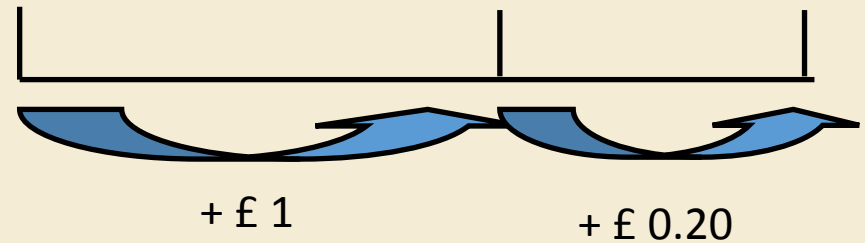
Adding money using a numberline

$$£2.30 + £1.20$$

£2.30

£3.30

£3.50



Splitting to add Money

$$£2.30 + £1.20 =$$

$$£2 + £1 = £3$$

$$£0.30 + £0.20 = £0.50$$

$$£3 + £0.50 = £3.50$$

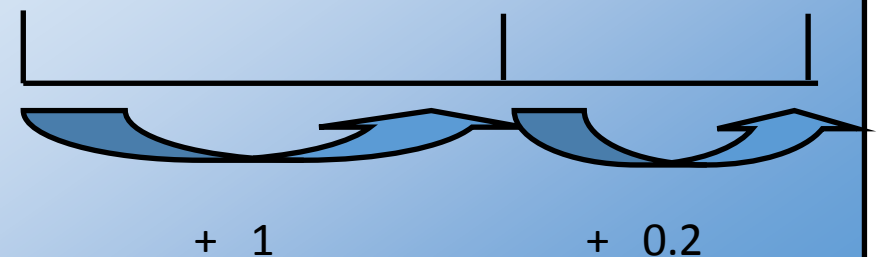
Apply the methods to any decimal.

$$2.3 + 1.2 =$$

2.3

3.3

3.5



Apply the method to any decimal.

$$2.30 + 1.20 =$$

$$2 + 1 = 3$$

$$0.3 + 0.2 = 0.50$$

$$3 + 0.50 = 3.50$$