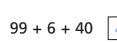
Mental strategies for addition and subtraction



a) Tick the calculations that are equivalent to 46 + 99



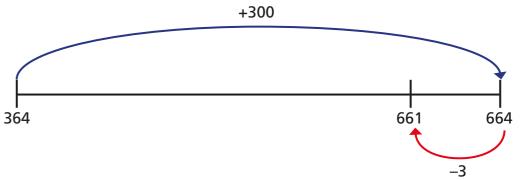


- b) What method would you use to work out 46 + 99 in your head? Discuss with a partner.
- Look at Scott's method for working out 364 + 297

Discuss with a partner why Scott's method works.

Use Scott's method to work out these calculations. Show your method.

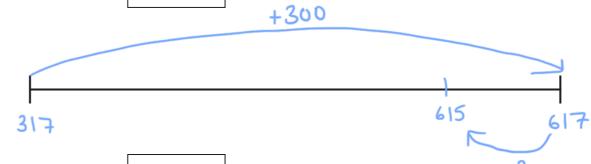
The number line shows a different way to work out 364 + 297

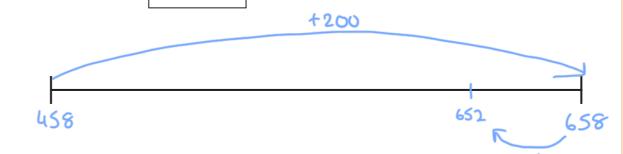


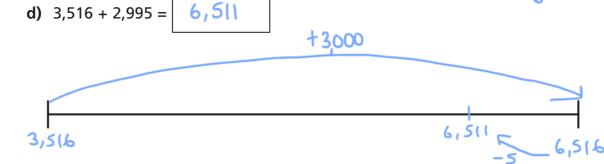
Use a number line to work out these additions.

652

c) 194 + 458 =







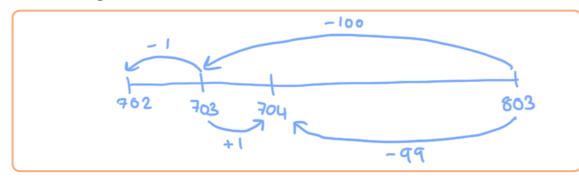
© White Rose Maths 2019





I can work out 803 – 99 by doing 803 – 100 – 1

Draw a diagram to show the mistake that Dexter has made.



Talk about your answers with a partner.

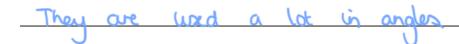


$$180 - 50 = 130$$

$$130 - 7 = 123$$

Use Dora's method to work out these calculations. Show your method.

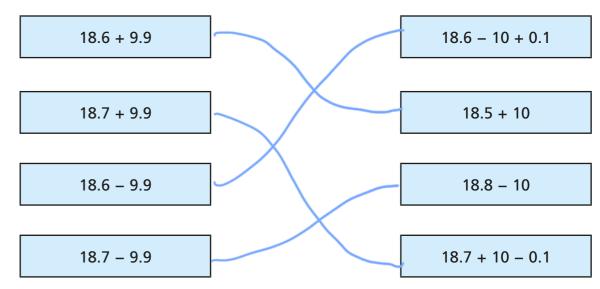
c) Why are 180 and 360 useful numbers to practise subtracting from?





a) Circle the calculations that are equivalent to 17.3 + 9.9

- b) Which method would you use to work out 17.3 + 9.9 in your head? Explain why.
- Match each calculation on the left to a calculation on the right.



8 Amir and Rosie are comparing methods to subtract 0.26 from 1

Amir's method

$$1 - 0.2 = 0.8$$

 $0.8 - 0.06 = 0.74$
 $1 - 0.26 = 0.74$

$$0.26 + 0.04 = 0.3$$

 $0.3 + 0.7 = 1$
 $0.7 + 0.04 = 0.74$
 $1 - 0.26 = 0.74$

Use your preferred method to complete the calculations.

