

Thank you for downloading this resource. This resource has four differentiated challenge sheets based around number bonds within 20.

Base Camp has dots drawn for further support with smaller numbers. There are only three numbers to choose from to help children reason which two numbers to choose.

Hill Climber has slightly larger numbers with no dots, but all calculations shown are addition.

Mountaineer has larger numbers and a mix of addition and subtraction calculations.

Everest features finding three addends for the number 13, where each calculation the child writes needs to be different.

NOTE: So that children don't think that the equals sign always has to go in the same place every time, some of the calculations featured are written in alternative forms. It is important for children to understand the function of the equals sign, but if this alternative layout is not something you've highlighted before it might be worth mentioning it before the children begin this task just so they don't get confused!

Check back at www.bigblogofteachingideas.com for new ideas and resources, updated weekly. You can sign up on my blog to get a notification when a new post appears, or you can follow me on Twitter at @mrmichaelplews. If you really like what you see on my site, why not leave me a comment?

Kind Regards,

















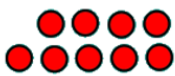







Michael Plews

Date: _____

BASE CAMP

L To use number bonds within 20.

Task = Write the correct numbers to complete the calculation.

$6 = \square + \square$  <hr/> <div><div>3 </div><div>5 </div><div>1 </div></div>	$\square + \square = 8$  <hr/> <div><div>2 </div><div>4 </div><div>6 </div></div>
$\square + \square = 5$  <hr/> <div><div>2 </div><div>4 </div><div>3 </div></div>	$\square + \square = 3$  <hr/> <div><div>0 </div><div>3 </div><div>2 </div></div>
$\square + \square = 9$  <hr/> <div><div>1 </div><div>6 </div><div>3 </div></div>	$\square + \square = 9$  <hr/> <div><div>5 </div><div>2 </div><div>4 </div></div>

Date: _____

HILL CLIMBER

L To use number bonds within 20.

Task = Circle and write the correct numbers to complete the calculation.

$$\square + \square = 11$$

4 1 10 12

$$\square + \square = 14$$

8 2 6 1

$$\square + \square = 17$$

14 13 3 0

$$20 = \square + \square$$

8 12 19 5

$$13 = \square + \square$$

15 5 1 12

$$\square + \square = 19$$

0 6 19 18

$$\square + \square = 12$$

6 2 5 6

$$20 = \square + \square$$

5 16 9 11

Date: _____

MOUNTAINEER

L To use number bonds within 20.

Task = Circle and write the correct numbers to complete the calculation.

READ THE CALCULATION!!!!

$$\square + \square = 19$$

6 5 13 2

$$14 - \square = \square$$

8 4 12 10

$$\square + \square = 17$$

11 12 13 5

$$19 - \square = \square$$

8 5 0 11

$$13 = \square + \square$$

8 9 7 4

$$17 - \square = \square$$

8 4 12 5

$$\square + \square = 12$$

3 12 9 1

$$13 - \square = \square$$

9 1 11 4

Date: _____

EVEREST

L To use number bonds within 20.

Task = Complete the calculations. Each calculation must be different!

$$13 = \square + \square + \square$$

$$13 = \square + \square + \square$$

$$13 = \square + \square + \square$$

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