

Thank you for downloading this resource. The first sheet contains four differentiated sections of questions to complete. The second sheet has extra challenge questions for children who are higher-achieving. The final sheet contains calculations for children to cut out and sort based on how they would find the solution quickly.

Check back at [www.bigblogofteachingideas.com](http://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

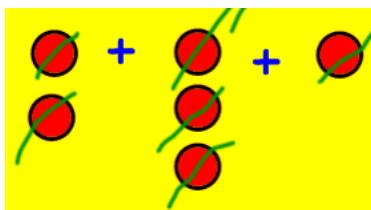
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L To add 3 single-digit numbers.

### Base Camp

Draw circles for each number if you need to then count them up.

$$2 + 3 + 1 = 6$$



$$3 + 2 + 2 =$$

$$4 + 3 + 3 =$$

$$5 + 1 + 3 =$$

$$5 + 4 + 2 =$$

### Hill Climber

Use number bonds, doubles or multiplication to help you.

$$4 + 6 + 1 =$$

$$4 + 1 + 4 =$$

$$7 + 3 + 1 =$$

$$3 + 2 + 2 =$$

$$7 + 4 + 3 =$$

$$5 + 5 + 5 =$$

### Mountaineer

Use number bonds, doubles or multiplication to help you.

$$8 + 8 + 1 =$$

$$7 + 2 + 7 =$$

$$6 + 3 + 3 =$$

$$3 + 2 + 9 =$$

$$8 + 7 + 2 =$$

$$9 + 9 + 9 =$$

### EVEREST

$$3 + \square + 9 = 18$$

$$9 + 4 + \square = 15$$

$$5 + 6 + \square = 19$$

### EXTRA CHALLENGE

"If you add three single-digit numbers, the total will be less than 10."

Is this always true, sometimes true or never true? PROVE IT with at least 3 examples.

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### EXTRA CHALLENGE

"If you add three single-digit numbers, the total will be odd."

Is this always true, sometimes true or never true? PROVE IT with at least 3 examples.

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### EXTRA CHALLENGE

"If you add three single-digit numbers, the sum will be less than 100."

Is this always true, sometimes true or never true? PROVE IT with at least 3 examples.

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### EXTRA CHALLENGE

"If you add three single-digit numbers, the total will be in the five times table."

Is this always true, sometimes true or never true? PROVE IT with at least 3 examples.

## SORTING TASK

$$2 + 2 + 2 =$$

$$3 + 7 + 1 =$$

$$9 + 9 + 2 =$$

$$9 + 2 + 1 =$$

$$4 + 1 + 4 =$$

$$2 + 3 + 4 =$$

$$8 + 3 + 2 =$$

$$5 + 3 + 2 =$$

$$3 + 3 + 4 =$$

$$8 + 8 + 1 =$$

$$5 + 5 + 5 =$$

$$2 + 2 + 8 =$$

$$1 + 9 + 2 =$$

$$3 + 6 + 6 =$$

$$3 + 3 + 3 =$$

NUMBER  
BONDS

DOUBLES

MULTIPLICATION