

**Year 2**

**Maths**

**Learning Pack**



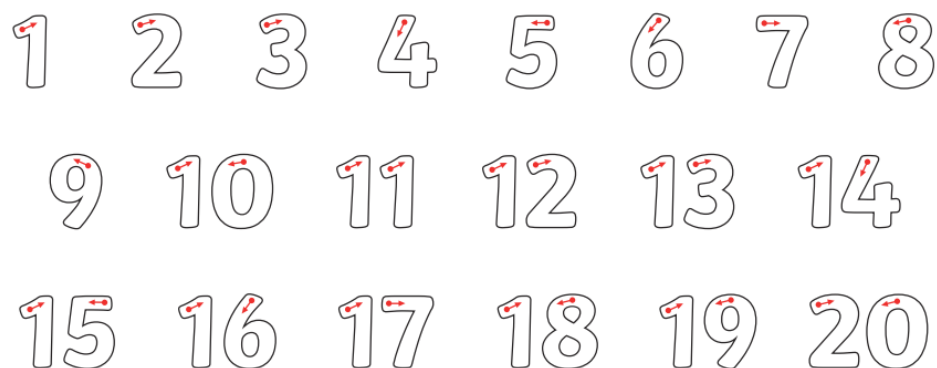
We would suggest choosing one task either Maths or English per day. Please feel free to do more if you and your child would like to do so. We have also added some challenges for your child to try and complete once they have finished the main task. Please don't feel you need to complete the challenges if they are finding them too tricky. We hope you enjoy the tasks we have set for you.

## **Resources to help**

|    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|-----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40  |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

## **Number Formation**

Can you trace the numbers?





## Task 1

- 1 Draw a line to match the number sentences to the correct totals.

a

|          |          |          |          |
|----------|----------|----------|----------|
| $30 + 7$ | $10 + 9$ | $20 + 5$ | $40 + 3$ |
| 19       | 43       | 37       | 25       |

b

|          |          |          |          |
|----------|----------|----------|----------|
| $20 + 8$ | $10 + 2$ | $20 + 4$ | $10 + 5$ |
| 24       | 15       | 12       | 28       |

c

|          |          |          |          |
|----------|----------|----------|----------|
| $20 + 8$ | $10 + 8$ | $30 + 9$ | $50 + 9$ |
| 39       | 28       | 59       | 18       |

d

|          |          |          |          |
|----------|----------|----------|----------|
| $60 + 5$ | $50 + 8$ | $80 + 5$ | $50 + 6$ |
| 58       | 56       | 65       | 85       |



## Challenge

- 1 Colour the correct numbers by following the instructions.

| Less than 70 |    |     |
|--------------|----|-----|
| 17           | 91 | 40  |
| 72           | 59 | 100 |
| 63           | 80 | 77  |

| More than 50 |    |    |
|--------------|----|----|
| 10           | 67 | 51 |
| 49           | 84 | 17 |
| 92           | 25 | 5  |

| Between 40 and 90 |    |    |
|-------------------|----|----|
| 31                | 59 | 9  |
| 72                | 93 | 87 |
| 36                | 41 | 28 |

- 2 Order each set of numbers.

a

|    |   |    |    |
|----|---|----|----|
| 16 | 7 | 67 | 70 |
|----|---|----|----|

greatest 

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

 smallest

b

|    |    |    |    |
|----|----|----|----|
| 55 | 45 | 54 | 44 |
|----|----|----|----|

smallest 

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

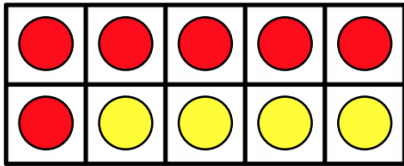
 greatest

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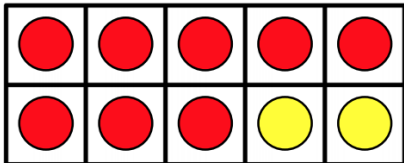


## Task 2

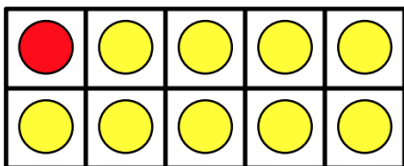
- 1 Match the ten frames to the sentences. Each counter represents ten.



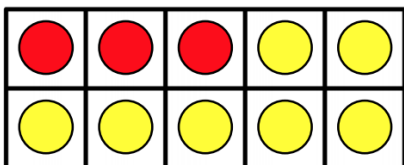
$$30 + 70 = 100$$



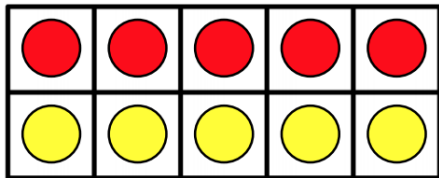
$$100 = 60 + 40$$



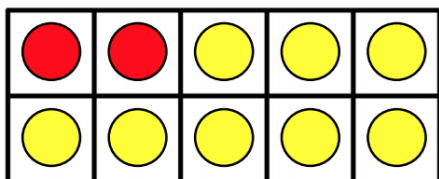
$$80 + 20 = 100$$



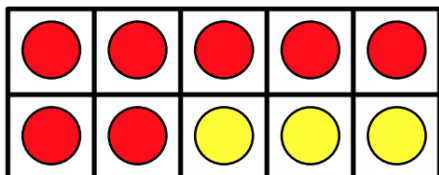
One hundred  
equals ten plus  
ninety.



$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{100}$$



$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{100}$$



$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{100}$$



## Challenge

Tick (✓) the statements that are correct.

If I know  $2 + 6 = 8$ ,  
then I know that  $20 + 60 = 80$  ☐

If I know  $4 + 1 = 5$ ,  
then I know that  $40 + 10 = 50$  ☐

If I know  $4 + 3 = 7$ ,  
then I know that  $40 + 30 = 70$  ☐

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## Task 3

Write all the associated number sentences in the fact families.

|    |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|
| a  | <table border="1"><tr><td colspan="2">13</td></tr><tr><td>8</td><td>5</td></tr></table> | 13  |   | 8 | 5 | $\underline{8} + \underline{5} = \underline{\quad}$ | $\underline{\quad} - \underline{8} = \underline{5}$ |
| 13 |   |   |   |   |   |   |   |
| 8  | 5   |   |   |   |   |   |   |
|    |   | $\underline{5} + \underline{8} = \underline{\quad}$ | $\underline{\quad} - \underline{5} = \underline{8}$ |   |   |   |   |

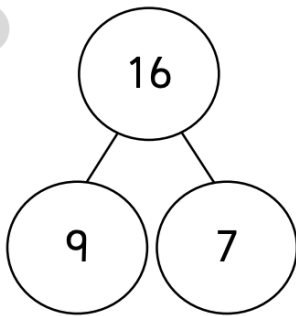
|    |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|
| b  | <table border="1"><tr><td colspan="2">11</td></tr><tr><td>5</td><td>6</td></tr></table> | 11  |   | 5 | 6 | $\underline{\quad} + \underline{\quad} = \underline{\quad}$ | $\underline{\quad} - \underline{\quad} = \underline{\quad}$ |
| 11 |   |   |   |   |   |   |   |
| 5  | 6   |   |   |   |   |   |   |
|    |   | $\underline{\quad} + \underline{\quad} = \underline{\quad}$ | $\underline{\quad} - \underline{\quad} = \underline{\quad}$ |   |   |   |   |

|    |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|
| c  | <table border="1"><tr><td colspan="2">10</td></tr><tr><td>3</td><td>7</td></tr></table> | 10  |   | 3 | 7 | $\underline{\quad} + \underline{\quad} = \underline{\quad}$ | $\underline{\quad} - \underline{\quad} = \underline{\quad}$ |
| 10 |   |   |   |   |   |   |   |
| 3  | 7   |   |   |   |   |   |   |
|    |   | $\underline{\quad} + \underline{\quad} = \underline{\quad}$ | $\underline{\quad} - \underline{\quad} = \underline{\quad}$ |   |   |   |   |



d



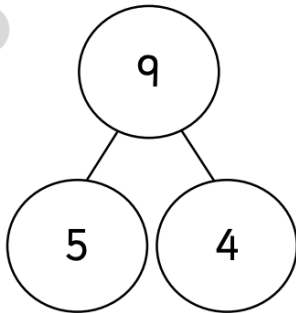
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

e



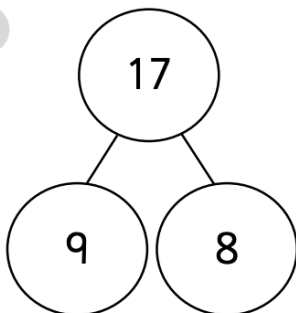
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

f



$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

## Challenge

The fact family below is correct because all the numbers are related.

|   |
|---|
| $3 + 5 = 8$ $5 + 3 = 8$ $3 - 8 = 5$ $5 - 8 = 3$ |
|---|

True or false?

Create your own fact family.

How many different ways can it be completed?

|    |   |
|----|---|
| 13 |   |
| ?  | ? |

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} - \underline{\quad}$$

$$\underline{\quad} = \underline{\quad} - \underline{\quad}$$



## Task 4

|   |   |   |   |
|---|---|---|---|
| $\begin{array}{r} 14 \\ + 31 \\ \hline \end{array}$ | $\begin{array}{r} 62 \\ + 25 \\ \hline \end{array}$ | $\begin{array}{r} 80 \\ + 12 \\ \hline \end{array}$ | $\begin{array}{r} 19 \\ + 40 \\ \hline \end{array}$ |
|---|---|---|---|

|   |   |   |   |
|---|---|---|---|
| $\begin{array}{r} 13 \\ + 24 \\ \hline \end{array}$ | $\begin{array}{r} 47 \\ + 21 \\ \hline \end{array}$ | $\begin{array}{r} 84 \\ + 15 \\ \hline \end{array}$ | $\begin{array}{r} 61 \\ + 18 \\ \hline \end{array}$ |
|---|---|---|---|

|   |   |   |   |
|---|---|---|---|
| $\begin{array}{r} 56 \\ + 41 \\ \hline \end{array}$ | $\begin{array}{r} 49 \\ + 10 \\ \hline \end{array}$ | $\begin{array}{r} 22 \\ + 41 \\ \hline \end{array}$ | $\begin{array}{r} 17 \\ + 31 \\ \hline \end{array}$ |
|---|---|---|---|

|   |   |   |   |
|---|---|---|---|
| $\begin{array}{r} 44 \\ + 32 \\ \hline \end{array}$ | $\begin{array}{r} 87 \\ + 11 \\ \hline \end{array}$ | $\begin{array}{r} 26 \\ + 20 \\ \hline \end{array}$ | $\begin{array}{r} 58 \\ + 31 \\ \hline \end{array}$ |
|---|---|---|---|

|   |   |   |   |
|---|---|---|---|
| $\begin{array}{r} 23 \\ + 41 \\ \hline \end{array}$ | $\begin{array}{r} 70 \\ + 21 \\ \hline \end{array}$ | $\begin{array}{r} 86 \\ + 12 \\ \hline \end{array}$ | $\begin{array}{r} 27 \\ + 11 \\ \hline \end{array}$ |
|---|---|---|---|

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## Challenge

$$\begin{array}{r} 47 \\ + 24 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 19 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ + 17 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 39 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 65 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 52 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ + 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ + 28 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 25 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 58 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 28 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 19 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ + 19 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 37 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 47 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 69 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 28 \\ \hline \\ \hline \end{array}$$

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## Task 5

$$\begin{array}{r} 93 \\ - 51 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 32 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ - 14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ - 22 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 30 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 23 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 46 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 34 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 35 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ - 16 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ - 54 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 18 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 42 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 26 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ - 14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 31 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 23 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 33 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 24 \\ \hline \\ \hline \end{array}$$

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## Extra Tasks:

### Ordering numbers

Cut out the numbers and place them in the correct order shown.

|        |    |    |    |    |    |          |
|--------|----|----|----|----|----|----------|
| lowest |    |    |    |    |    | greatest |
|        | 53 | 50 | 35 | 33 | 30 |          |

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|        |    |    |    |    |    |          |
|--------|----|----|----|----|----|----------|
| lowest |    |    |    |    |    | greatest |
|        | 74 | 47 | 65 | 50 | 55 |          |

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|        |    |    |    |    |    |          |
|--------|----|----|----|----|----|----------|
| lowest |    |    |    |    |    | greatest |
|        | 81 | 39 | 85 | 93 | 88 |          |

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|          |    |    |   |    |    |        |
|----------|----|----|---|----|----|--------|
| greatest |    |    |   |    |    | lowest |
|          | 72 | 65 | 6 | 70 | 54 |        |

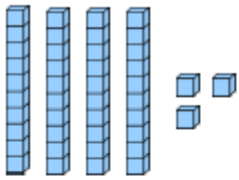
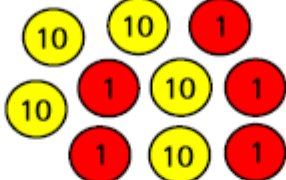
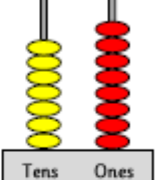
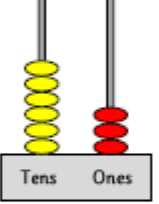
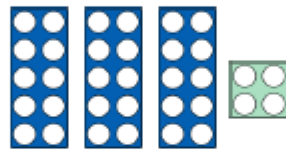
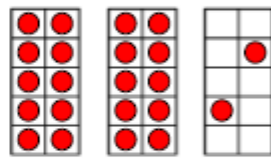
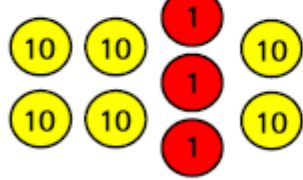
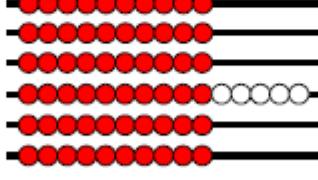


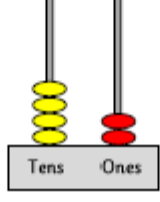
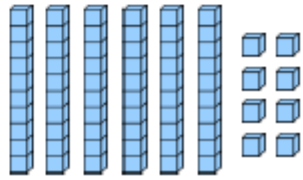
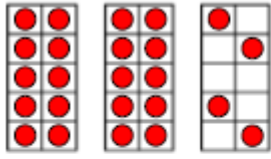
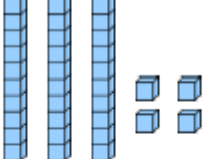
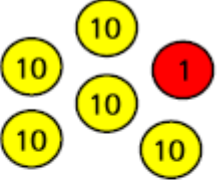
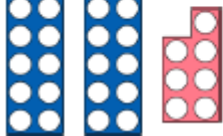
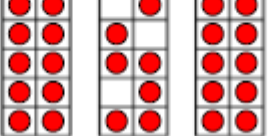

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|          |    |    |    |   |    |        |
|----------|----|----|----|---|----|--------|
| greatest |    |    |    |   |    | lowest |
|          | 91 | 99 | 19 | 9 | 90 |        |



# Compare numbers & objects within 100

Select two object cards. Write the represented number then compare using  $<$ ,  $>$  or  $=$ .

|   |   |  |
|---|---|--|
|    |    |    |
|    |    |    |
|   |   |    |
|  |  |  |
|  |  |  |
|  |  |  |



## Count in 2s, 3s, 5s and 10s

Colour the trail counting in 2s starting from 6.

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 6  | 7  | 13 | 27 | 22 | 24 | 26 | 28 | 36 | 38 |
| 8  | 10 | 12 | 13 | 19 | 22 | 18 | 30 | 40 | 37 |
| 9  | 15 | 14 | 16 | 18 | 20 | 16 | 32 | 34 | 36 |
| 12 | 21 | 19 | 15 | 17 | 24 | 28 | 30 | 35 | 38 |

Colour the trail counting in 5s starting from 5.

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 20 | 25 | 50 | 35 | 40 | 45 | 50 | 95 | 90 | 65 |
| 5  | 10 | 40 | 30 | 55 | 40 | 55 | 60 | 85 | 80 |
| 20 | 15 | 20 | 25 | 45 | 40 | 70 | 65 | 70 | 75 |
| 10 | 25 | 30 | 45 | 50 | 60 | 80 | 85 | 80 | 55 |

Colour the trail counting in 10s starting from 10.

|    |    |    |    |    |    |     |    |    |     |
|----|----|----|----|----|----|-----|----|----|-----|
| 50 | 30 | 40 | 30 | 60 | 70 | 100 | 60 | 40 | 50  |
| 10 | 50 | 30 | 60 | 70 | 80 | 90  | 50 | 90 | 80  |
| 20 | 30 | 40 | 50 | 50 | 90 | 70  | 70 | 80 | 100 |

Challenge: Colour any numbers you would say if you count in 3s from 3.

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