

**Year 1**

**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.

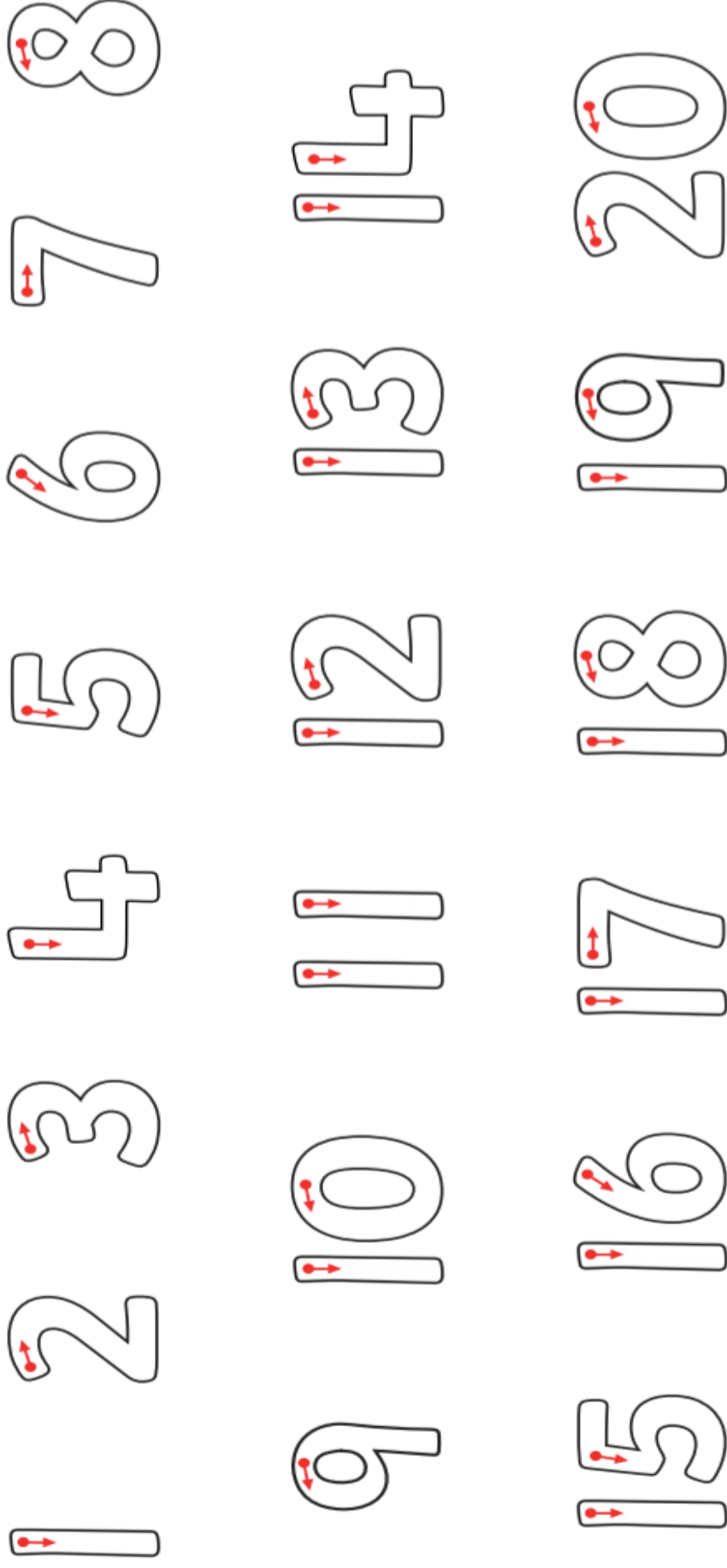
Here are some resources to help you:



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

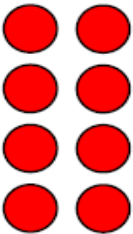
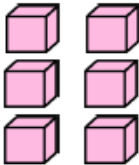
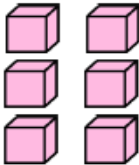


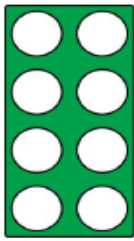
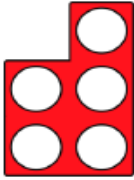

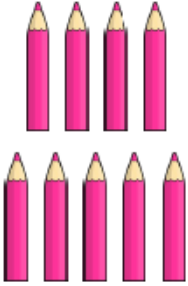
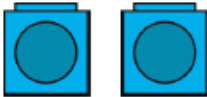

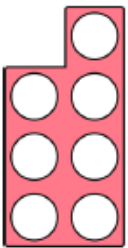


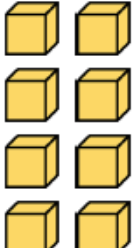
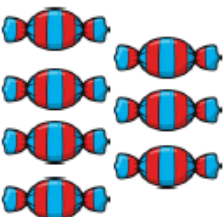

# Number Formation

Can you trace the numbers?



# Task 1 – Greater than, less than or equal to.

Use  $<$ ,  $>$  or  $=$  to make each statement correct.

<p>a</p> <p>four <input type="text"/></p> 	<p>b</p>  <input type="text"/> 
<p>c</p>  <input type="text"/> 	<p>d</p>  <input type="text"/> 
<p>e</p>  <input type="text"/> 	<p>f</p>  <input type="text"/> <p>one</p>
<p>g</p>  <input type="text"/> 	<p>h</p>  <input type="text"/> 
<p>i</p> <p>eight <input type="text"/></p> 	<p>j</p>  <input type="text"/> 

## Challenge



These numbers are ordered correctly?

smallest 

16	15	13	8
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 greatest

Is Mo correct? Explain your answer.

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I have a number **greater** than 7 but **smaller** than 13.

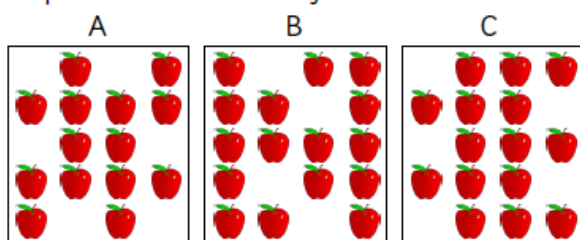
What could Che's numbers be?

CLUE: There are 5 possible answers.

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Group C shows the most objects.



True or false? Explain your answer.

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If these numbers were put in order starting with the **smallest**, what number would be in:

A) 3<sup>rd</sup> place? \_\_\_\_\_.

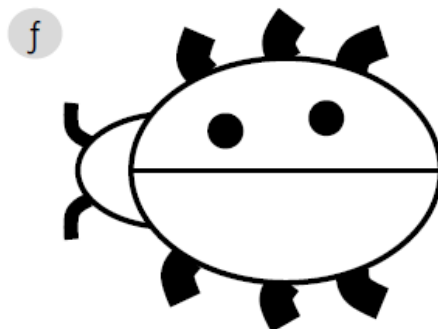
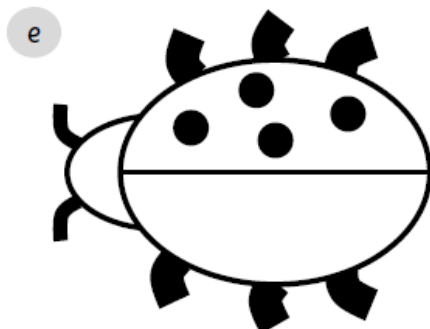
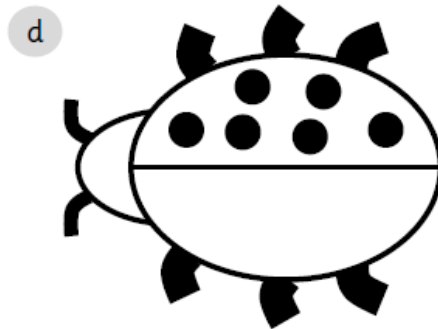
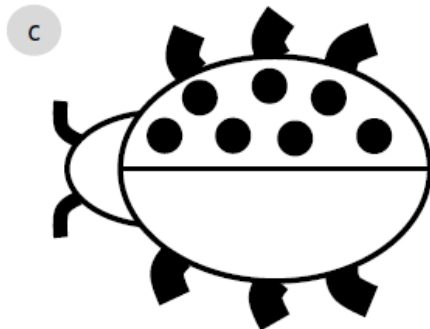
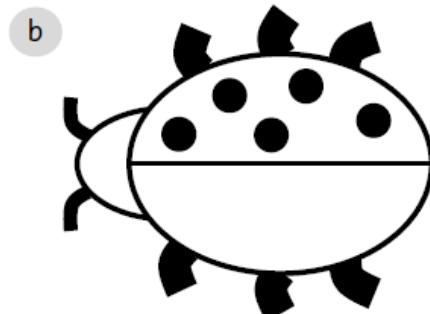
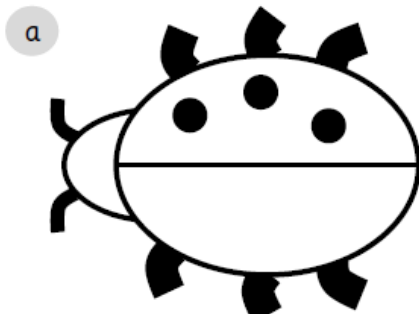
B) 1<sup>st</sup> place? \_\_\_\_\_.

## Task 2 – Number bonds to 10

- 1 Write how many more fingers would need to be shown to make 10.  
Write a number sentence to represent the bond. The first one has been done for you.

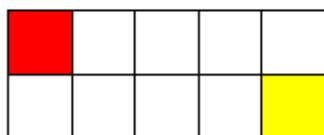
 	 	 	 	 
5				
$5 + 5 = 10$				

- 2 Draw the missing spots on each ladybird to make 10.



## Challenge

Jess needs to colour in all of the boxes using two different colours. One box of each colour has completed.



How many different ways can the grid be coloured?

List all possible ways.

Kat has 10p to spend.



Which two toys could I buy?



3p



4p



9p



8p



7p



I need 4 more cubes to make a number bond to 10.



Is Che correct?

Explain how you know.

The spots on the toadstool show number a number bond to 10.

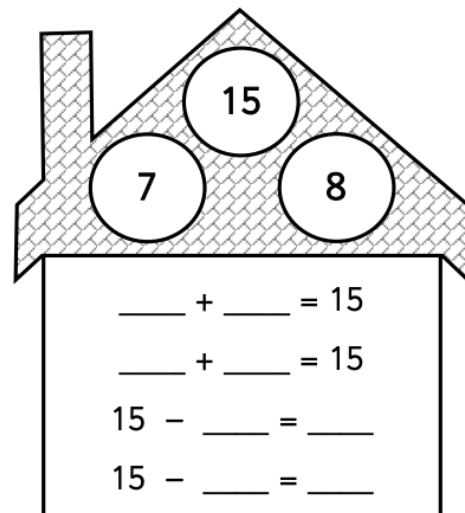
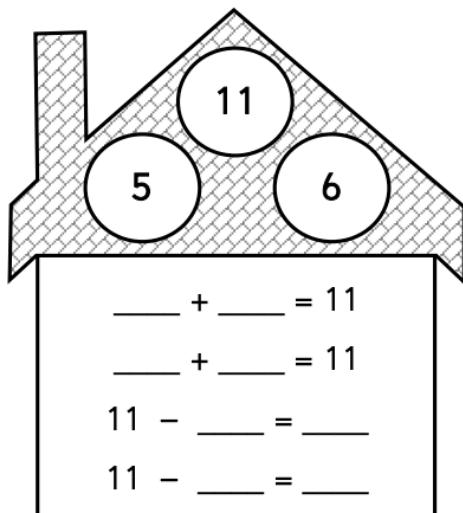
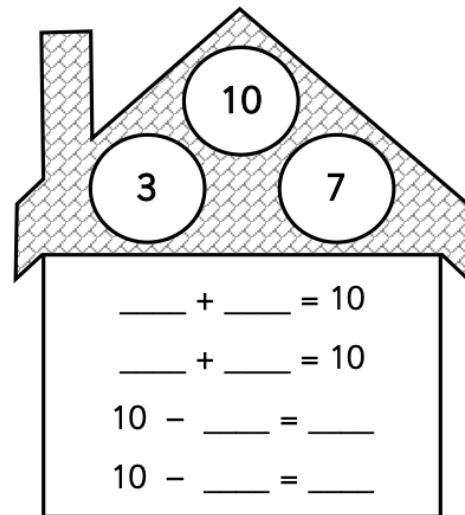
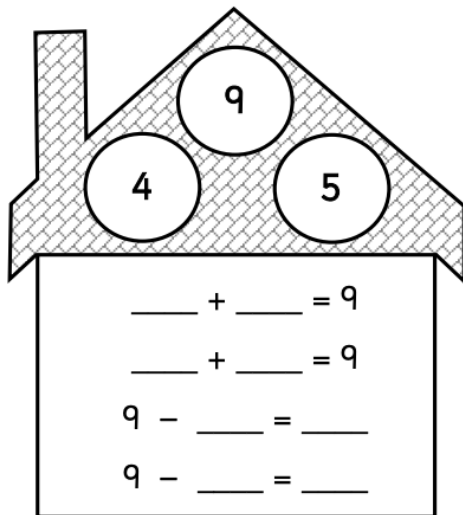
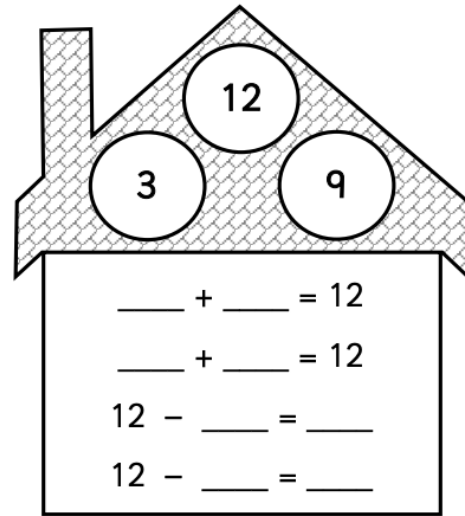
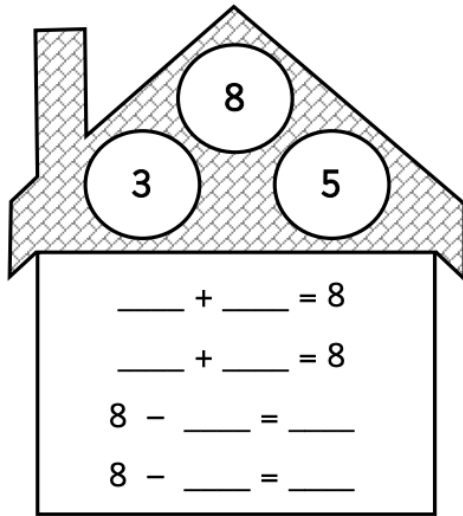


True or false?

Explain how you know.

### Task 3 Fact families (if $2+4 = 6$ then $4+ 2 = 6$ )

Use the numbers on the roof to complete each fact family.



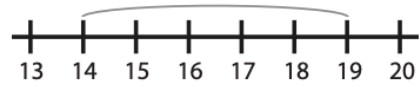


## Task 4 Addition

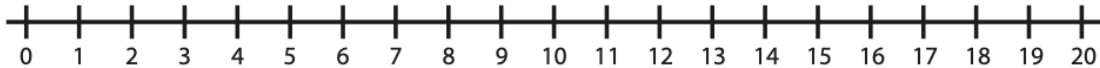
### Addition to 20 with a number line

Example:

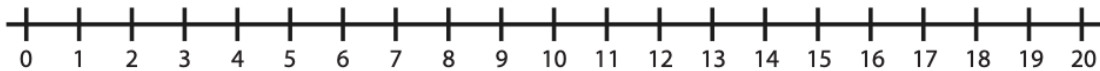
$$14 + 5 = 19$$



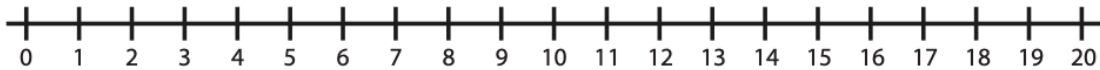
$$10 + 7 =$$



$$10 + 5 =$$



$$11 + 2 =$$



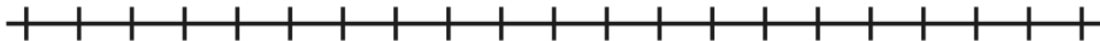
$$6 + 8 =$$



$$9 + 9 =$$



$$8 + 10 =$$



$$5 + 12 =$$



$$17 + 3 =$$



## Challenge

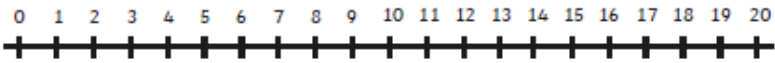
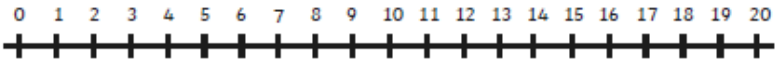
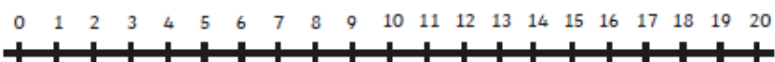
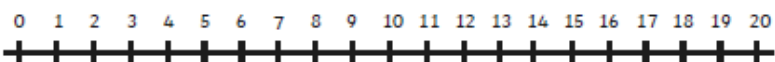
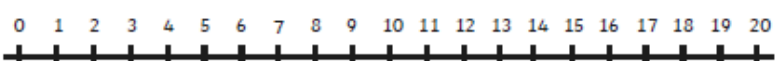
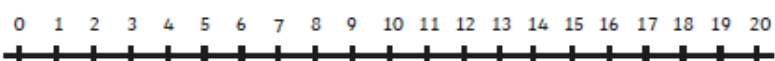

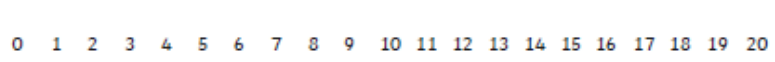
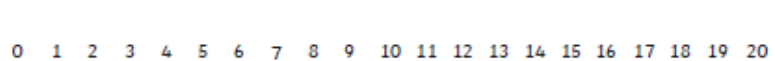
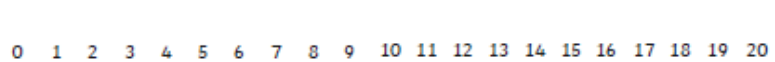
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The total is more than 7 but less than 10.

$$\boxed{5} + \boxed{?} = \boxed{?}$$

How many different ways can the number sentence be completed?

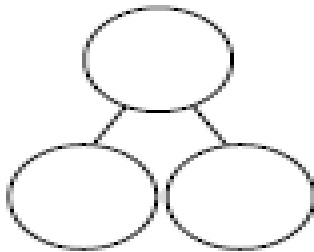
## Task 5

$20 - 3 =$	
$9 - 4 =$	
$18 - 2 =$	
$10 - 6 =$	
$7 - 3 =$	
$2 - 2 =$	
$3 - 1 =$	
$11 - 8 =$	
$15 - 3 =$	
$6 - 1 =$	

## Challenge

First there were 7 peaches.  
Then 4 were eaten.  
Now there are \_\_\_\_ peaches left.

Draw a picture and complete the part-whole diagram to represent this.



My number sentence matches the picture.



$$\boxed{3} - \boxed{2} = \boxed{5}$$

Explain and correct Che's mistake.

Extra tasks:

### Compare statements

Compare the statements using  $<$ ,  $>$  or  $=$ .

$8 - 2$	$6 + 2$	$6 - 3$
$9 - 1$	$3 + 7$	$10 - 1$
$4 + 1$	$5 - 0$	$1 + 1$
$5 + 3$	$4 + 1$	$8 - 4$
$7 - 5$	$3 + 2$	$2 + 1$
$10 - 2$	$4 - 1$	$9 - 3$

## Representing numbers to 20

Complete the grids for each number.

Numeral	Words	Draw it	Picture
13			
17			
15			
19			
11			
16			
14			

## One more, one less

Find one more and one less than the given numbers.

a

	- 1
13	
	+ 1

b

	- 1
18	
	+ 1

c

	- 1
7	
	+ 1

d

	- 1
19	
	+ 1

e

	- 1
4	
	+ 1

f

	- 1
11	
	+ 1


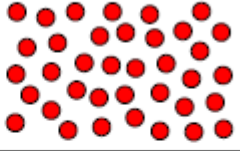
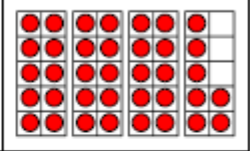
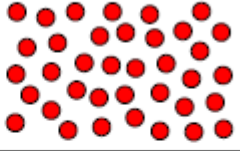
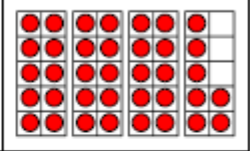
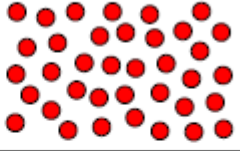
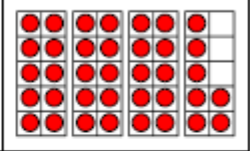







Complete the tables by selecting numbers below 20.

Find one more and one less than the number. The first one has been done for you.

1 less	Number	1 more
11	12	13

1 less	Number	1 more

## Challenge:

 <p>How many odd numbers are there <b>between</b> 32 and 44?</p> <p>List your answers below.</p>	<p>Tick (✓) the box that is easiest to count. Explain why.</p> <table border="1"> <thead> <tr> <th>Box A</th> <th>Box B</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Box A	Box B			<input type="checkbox"/>	<input type="checkbox"/>																																		
Box A	Box B																																								
																																									
<input type="checkbox"/>	<input type="checkbox"/>																																								
<p>Two children are counting. Explain the mistakes made.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="209 741 639 853">  <p>23, 24, 26, 27, 28</p> <p>Dom</p> </div> <div data-bbox="280 853 703 965"> <p>19, 20, 12, 22, 23</p>  <p>Tam</p> </div> </div>	 <p>I have completed the number track correctly.</p> <table border="1"> <tr> <td>34</td><td>35</td><td>36</td><td>37</td><td>48</td><td>39</td><td>40</td><td>41</td><td>42</td> </tr> </table> <p>Is Jack correct? If not, why? Explain how you know.</p>	34	35	36	37	48	39	40	41	42																															
34	35	36	37	48	39	40	41	42																																	
 <p>I have 43 doughnuts in total.</p>  <p>Is Rob correct? If not, what mistake has he made? Explain your answer.</p>	 <p>How many even numbers are there <b>between</b> 31 and 39?</p> <p>List your answers below.</p>																																								
<p>Ben is counting from 41 to 49. Tick (✓) the number track that shows this.</p> <table border="1"> <tbody> <tr> <td>41</td><td>32</td><td>43</td><td>34</td><td>45</td><td>56</td><td>47</td><td>58</td><td>59</td> <td><input type="checkbox"/></td> </tr> <tr> <td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>36</td><td>57</td><td>38</td><td>39</td> <td><input type="checkbox"/></td> </tr> <tr> <td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td> <td><input type="checkbox"/></td> </tr> <tr> <td>41</td><td>42</td><td>43</td><td>34</td><td>35</td><td>36</td><td>47</td><td>48</td><td>49</td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	41	32	43	34	45	56	47	58	59	<input type="checkbox"/>	41	42	43	44	45	36	57	38	39	<input type="checkbox"/>	41	42	43	44	45	46	47	48	49	<input type="checkbox"/>	41	42	43	34	35	36	47	48	49	<input type="checkbox"/>	<p>There are 24 apples in total.</p>  <p>True or false Explain how you know.</p>
41	32	43	34	45	56	47	58	59	<input type="checkbox"/>																																
41	42	43	44	45	36	57	38	39	<input type="checkbox"/>																																
41	42	43	44	45	46	47	48	49	<input type="checkbox"/>																																
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