

Mathematics Assessment

Name:

Year Group:

Date:

Question	Response	Comment/ strategy
count on in ones from 1 count back in ones from 20		
count on in ones from 7 count back in ones from 17		
Count on in tens from 0 Count back in tens from 100		
Count on in twos from 0 Count back in twos from 20		
Count the beans (up to at least 20)		
<i>Throw 10 beans.</i> How many red? How many white? How many altogether? Which colour has more beans? How do you know? Which colour has fewer beans? How do you know?		

<p>Beans under the cloth.</p> <p>5 take out 1 5 take out 2 5 take out 3</p> <p>How did you know?</p>		
<p>Word problems with beans.</p> <p>Addition +1, +2, +3</p> <p>I had ...beans, then I foundmore, how many have I got now?</p> <p>How did you know?</p>		
<p>Word problems with beans.</p> <p>Subtraction -1, -2, -3</p> <p>I had ...beans, I lost How many did I have left?</p> <p>How did you know?</p>		
<p><i>Using digit cards 0 – 20</i></p> <p>Read the numbers Order the numbers</p> <p><i>Compare 4 and 9, 8 and 12, 14 and 19</i></p> <p>Which number is more? Which number is less? Give a number in between.</p>		

What is one more than 3, 5, 8, 12, 15, 17?

What is one less than 4, 5, 8, 9, 13, 16, 19?

Double: 1 2 3 4 5

Halve: 10 8 6 4 2

Place value: what is the value of each digit in the following:

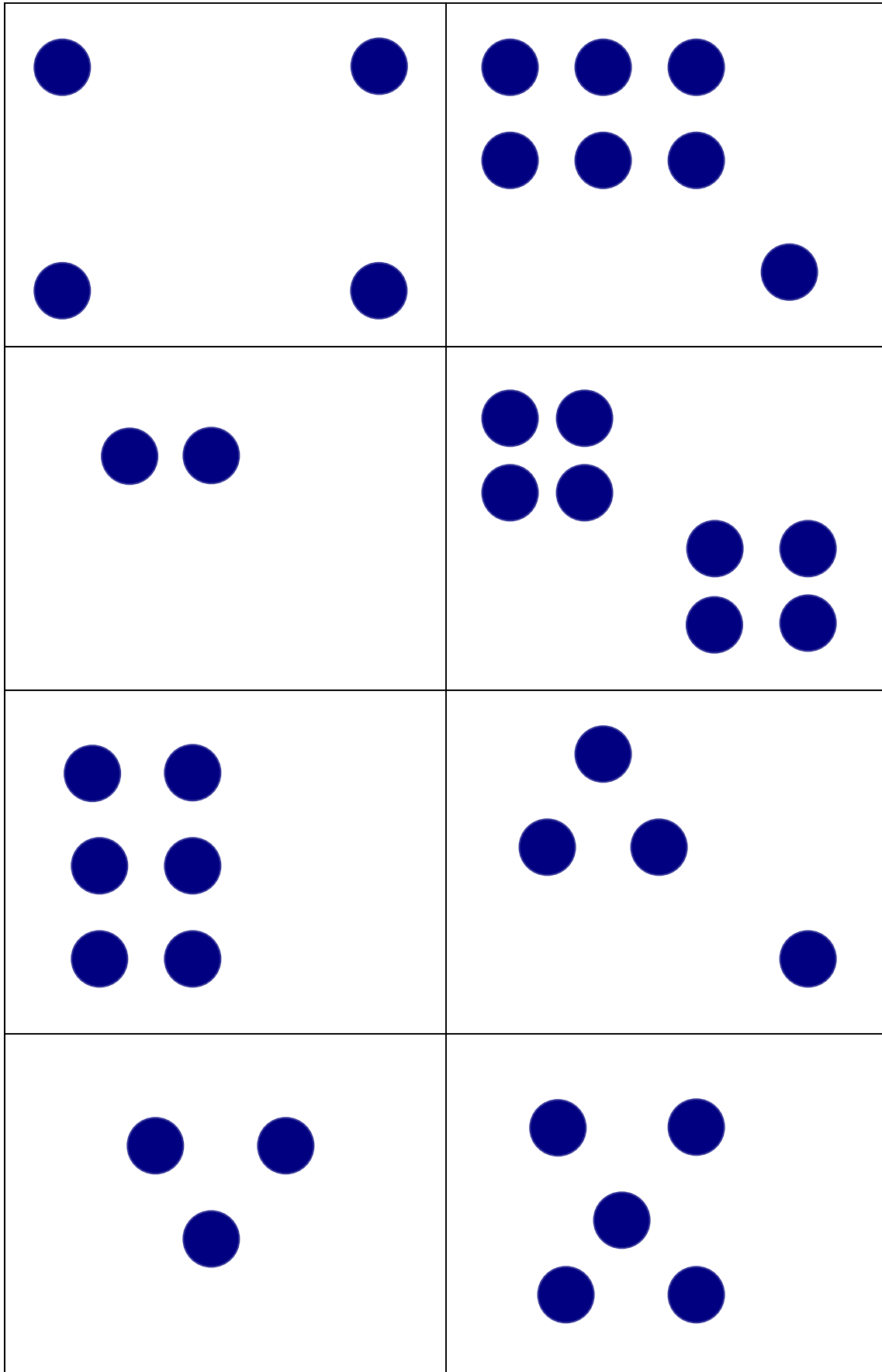
12 14 17 16

Number bonds (know by heart):

$3 + ? = 5$, $4 + ? = 5$, $0 + ? = 5$

$6 + ? = 10$, $2 + ? = 10$, $7 + ? = 10$

How many dots? Show cards one at a time and note whether children need to count each spot or if there are some patterns they recognise.



Addition	Counts everything (on fingers or needs resources)	Starts with first number irrespective of size and then counts the other.	Starts with larger number and then counts the other.	Knows the number bond.	Recalls a useful fact.	Uses place value knowledge.
2 + 3						
4 + 5						
5 + 6						
2 + 9						
10 + 3						

Difference	Counts out larger number; subtracts smaller; counts what's left.	Counts back in ones, from larger number to smaller.	Counts on, in ones from smaller number.	Knows the fact.	Recalls an addition fact.	Transforms the numbers.
5 - 2						
7 - 3						
9 - 7						
10 - 4						
13 - 6						

$2 + 3$

$4 + 5$

$5 + 6$

$2 + 9$

$10 + 3$

$5 - 2$

$7 - 3$

$9 - 7$

$10 - 4$

$13 - 6$