Structured Maths Approach Assessments

These assessments are a great way to pre or post check the learning that appears in each chunk and lesson within the phase. These could be used in many ways to inform your lessons, your start point and to see how the chunk of learning has gone for your students.

Each phase assessment is split into four chunks (to match each chunk of learning) with a question that can be matched back to each lesson. You will then be able to see what still needs to be worked on or covered in your teaching time.

Simply print off the chunk you are looking to assess, complete with students and then review their answers.

You could complete another check of the chunk assessment at the end of the time period; or simply that one lesson of questions again.

The Four Phases breakdown to Structured Maths Approach

Here is the complete breakdown to Structured Maths Approach across the four phases and what each chunk will cover with their lessons.

Four phases to Structured Maths Approach

Phase One
This phase is an introduction to Maths concepts and builds a solid foundation of number knowledge to 20 and addition/subtraction to 10.

FNWS, BNWS, set making, addition, subtraction

Phase Two
This phase builds on the foundation in Phase One focusing on number knowledge to 100 and addition/subtraction to 20. Fractions are introduced here.

FNWS, BNWS, addition, subtraction, multiplication, division, intro to fractions

Phase Three
This phase forges ahead building on Phase One and Two. Here we focus on number knowledge to 1,000 and addition/subtraction to 100. Multiplication and division are introduced here.

FNWS, BNWS, addition, subtraction, fractions, multiplication, division

Phase Four
This phase builds fluency and confidence with Maths concepts. Here we focus on number knowledge to 10,000 and addition/subtraction to 1,000. Multiplication, division, timetables and fractions are beginning to be consolidated

FNWS, BNWS, addition, subtraction, multiplication, division, fractions

Phase 1 (Year 0 or New Entrants)

Chunk 1	Chunk 2	Chunk 3	Chunk 4
Numbers 1–10	Add and subtract to 5	Numbers 11–20	Add and subtract to 10

Phase 2 (Year 1)

Chunk 1	Chunk 2	Chunk 3	Chunk 4
Numbers 1–100	Add and subtract to 20	Add and subtract to 20 Fractions	Multiplication and division Fractions

Phase 3 (Year 2)

Chunk 1	Chunk 2	Chunk 3	Chunk 4
Numbers 1–1,000	Add and subtract to 100	Add and subtract to 100 Fractions	Multiplication and division Fractions

Phase 4 (Year 3)

Chunk 1	Chunk 2	Chunk 3	Chunk 4
Numbers 1–10,000	Add and subtract to 1,000	Multiplication and division	Fractions

Phase 2 (Year 1) Chunk 1 Assessment	Name: Term: Year:

What comes after these numbers:

12 _____
_____

56 _____
_____

Write a number that has...

a 5 in it _____

a 9 in it _____

Is this a teen or ty number?

20	

40	

16	

18	

Write down the numbers that come next in counting forwards:

25
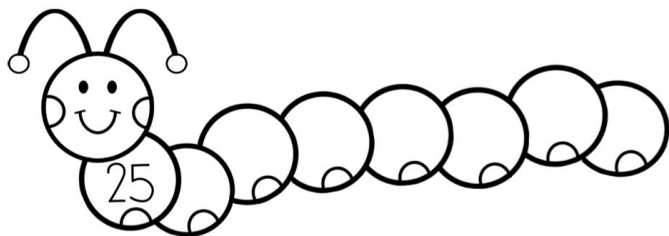
Write down the numbers that come next in counting backwards:

60
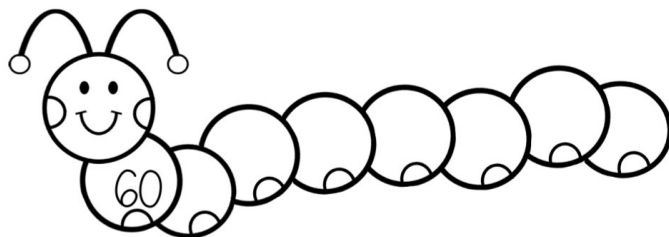
Order these from smallest to biggest:

67   10   43   11   90

_____

Compare these numbers using < > or =

16		28

31		13

70		17

80		80

Decompose these numbers:

17=

43=

Compose these numbers:

10+5=

50+2=

Practice skip counting in 2's, 5's and 10's:

In 2's:

2	4		8	
12		16	18	

In 5's:

5		15	20	
30			45	

In 10's:

10			40	
60	70			

Phase 2 (Year 1)	Name:
Chunk 2 Assessment	Term:
	Year:

Solve these addition sums by drawing the sets to help you:

$10 + 4 =$ $9 + 5 =$

Solve these subtraction sums by drawing the sets to help you:

$14 - 3 =$ $18 - 2 =$

Solve the word problem:

I had 9 lollipops in my jar. I got some more and there were now 13. How many did I get?

☐ **+** ☐ **=** ☐

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Solve these fluency problems to 20:

$6 + 6 =$

$17 - 2 =$

$11 + 3 =$

$18 + 0 =$

$12 + 5 =$

$20 - \boxed{} = 16$

$16 - \boxed{} = 11$

Draw matching place value blocks to represent the number:

$61=$ $30=$

Use place value to solve these:

$40 + 20=$ $60 - 30 =$

$10 + 30 =$ $80 - 20 =$

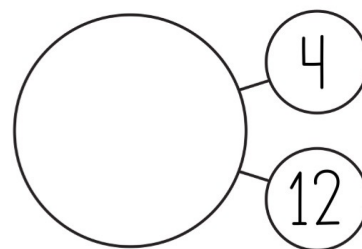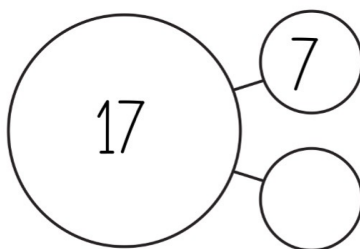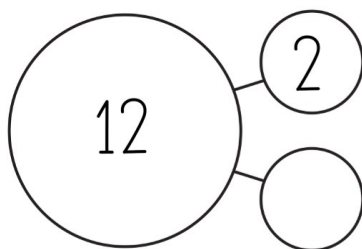**Practice skip counting in 2's, 5's and 10's:**

In 2's:

20	18			12
10				

In 5's:

		40		30
	20		10	5

In 10's:

	90	80		60
	40	30		

| Phase 2 (Year 1)

Chunk 3 Assessment | Name:

Term:
Year: |

Solve these number bonds to 20:

12 — 2

17 — 7

— 4 — 12

Add these by counting on:	**Subtract these by counting back:**
13 + 1 =	13 - 1 =
9 + 1 =	9 - 1 =
11 + 1 =	11 - 1 =
15 + 1 =	15 - 1 =
19 + 1 =	19 - 1 =
18 + 2 =	18 - 2 =
10 + 2 =	10 - 2 =
14 + 2 =	14 - 2 =
9 + 2 =	9 - 2 =
7 + 2 =	7 - 2 =

Find halves of these sets:

Half of 8 =

Half of 10 =

Find quarters of these sets:

Quarter of 4 =

Quarter of 12 =

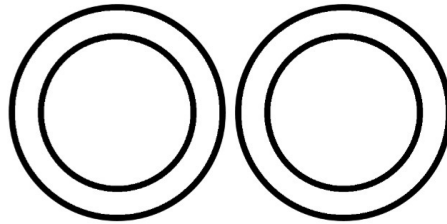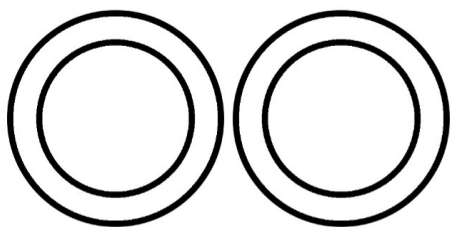| Phase 2 (Year 1) | Name: |
| Chunk 4 Assessment | Term:
Year: |

Make equal groups to solve:

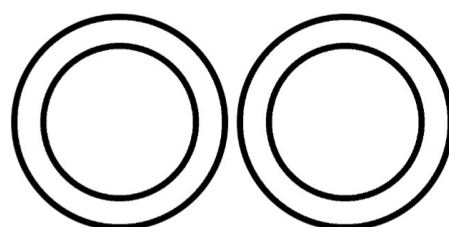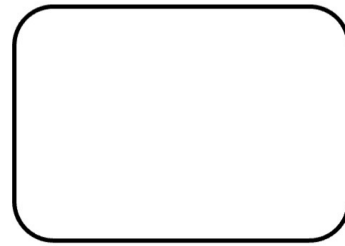3 groups of 5 =
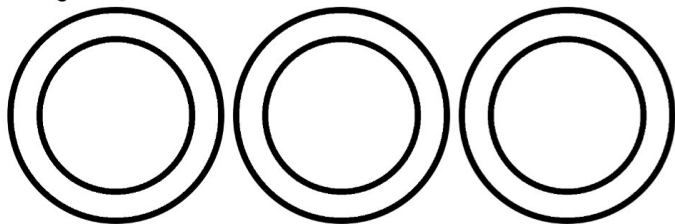
Share to solve the equal group:
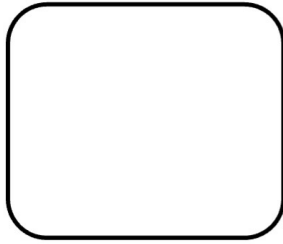
Share 10 between 2 people =

Solve these by skip counting:
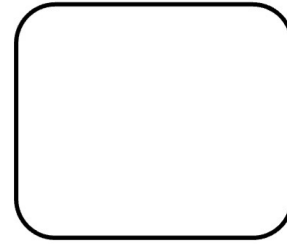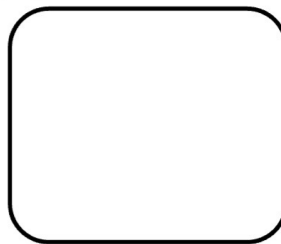
$4 \times 2 =$

$5 \times 5 =$

$3 \times 10 =$

Divide these by equal sharing:

$10 \div 2 =$

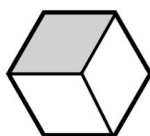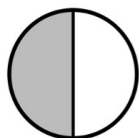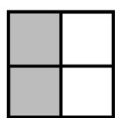$8 \div 2 =$

$10 \div 5 =$

Find halves of these sets:

$\frac{1}{2}$ of 4 =

$\frac{1}{2}$ of 8 =
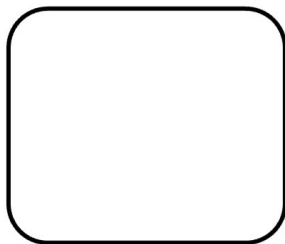
Find quarters of these sets:

$\frac{1}{4}$ of 8 =

$\frac{1}{4}$ of 20 =

Match these fractions together:

one third

two quarters

one half

$\frac{2}{4}$

$\frac{1}{3}$

$\frac{1}{2}$