

Reception and Year 1 Understanding Number, Unit 1 (R1104)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Precursor skills Y1 Place value Sheet 1

Working towards ARE

Precursor skills Y1 Place value Sheet 2

Working at ARE

Precursor skills Y1 Place value Sheet 3

Greater Depth

Day 1 Y1 Cube snakes Sheet 1

Working towards ARE

Day 1 Y1 Cube snakes Sheet 2

Working at ARE

Day 1 Y1 Cube snakes Sheet 3

Greater Depth

Day 2 Y1 How many objects? Sheet 1

Working towards ARE

Day 2 Y1 How many objects? Sheet 2

Working at ARE

Day 2 Y1 How many objects? Sheet 3

Greater Depth

Day 2 Y1 Number line Sheet 4

Working towards ARE

Day 2 Y1 Number line Sheet 5

Working at ARE

Day 2 Y1 Number line Sheet 6

Greater Depth

Day 3 Y1 Place value Sheet 1

Working towards ARE

Day 3 Y1 Place value - teen numbers Sheet 2

Working at ARE

Greater Depth complete this sheet in addition to Sheet 3 as an extension of their practice work.

Reception and Year 1 Understanding Number, Unit 1 (R1104)

Additional teacher instructions for practice sheets continued

These notes indicate which practice sheets are most appropriate for which groups.

Day 3 Y1 Place value - teen numbers Sheet 3
Greater Depth

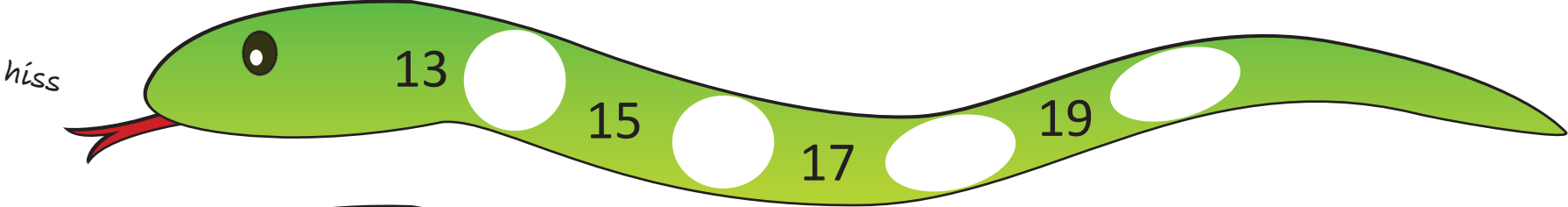
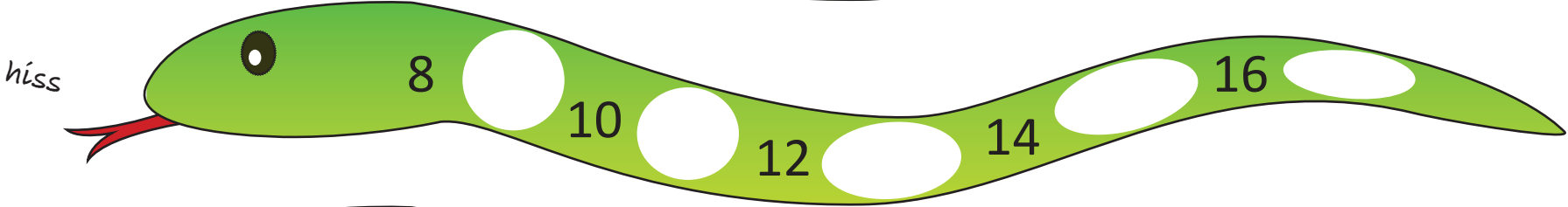
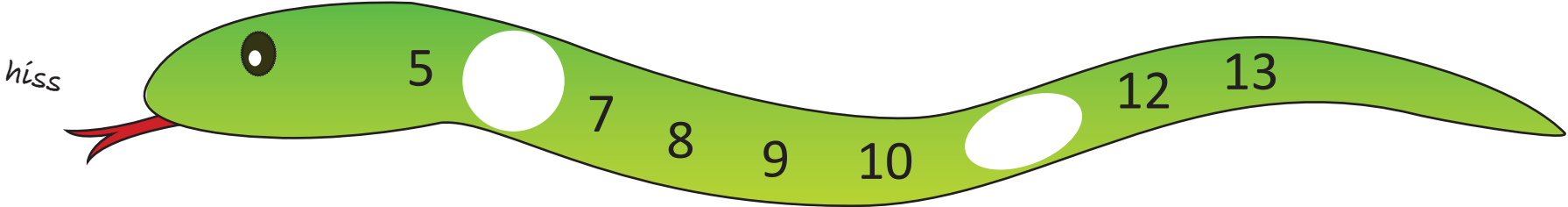
Day 4 Y1 Place value - teen numbers Sheet 1
Working towards ARE / Working at ARE
Working towards ARE complete the first four towers

Day 4 Y1 Place value - teen numbers Sheet 2
Greater Depth

Place value

Sheet 1

Fill in the missing numbers to complete the snakes.



Place value

Sheet 2

Fill in the missing numbers to complete the snakes.

hiss 1 3 4 6 7 8 10

hiss 2 4 5 7 8 9

hiss 1 3 6 8

hiss 4 6 8 9 11

Place value

Sheet 3

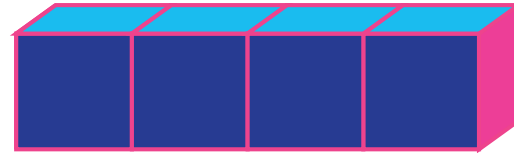
Fill in the missing numbers to complete the snakes.



Cube snakes

Sheet 1

Count how many cubes long the snakes are.

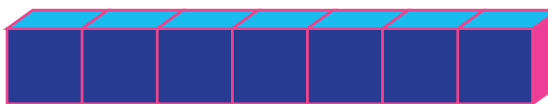
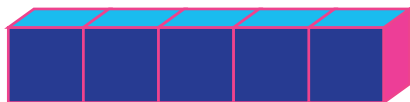
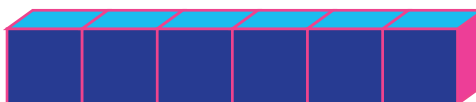
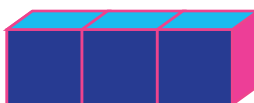


Cube snakes

Sheet 2

Count how many cubes long each snake is.

Altogether



Cube snakes

Sheet 3

Cubes to add together:

$$\begin{array}{c} \text{10 cubes} \\ \text{+ 6 cubes} \\ \hline \end{array}$$

$$\begin{array}{c} \text{6 cubes} \\ \text{+ 10 cubes} \\ \hline \end{array}$$

$$\begin{array}{c} \text{6 cubes} \\ \text{+ 10 cubes} \\ \hline \end{array}$$

$$\begin{array}{c} \text{2 cubes} \\ \text{+ 10 cubes} \\ \hline \end{array}$$

$$\begin{array}{c} \text{6 cubes} \\ \text{+ 10 cubes} \\ \hline \end{array}$$

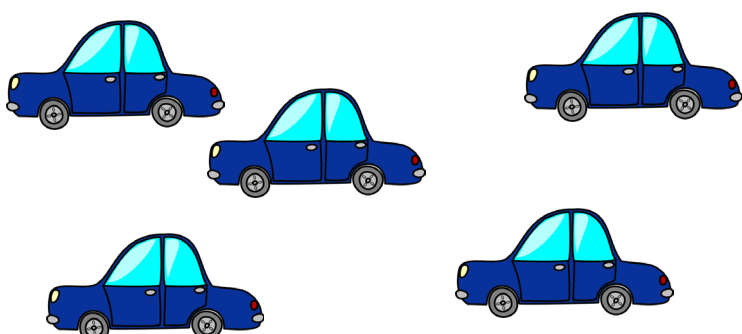
$$\begin{array}{c} \text{10 cubes} \\ \text{+ 10 cubes} \\ \hline \end{array}$$

How many objects?

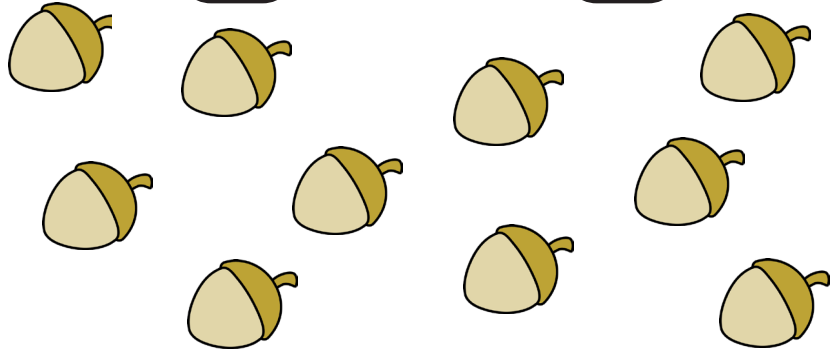
Sheet 1

Can you estimate how many objects are in each box? Can you count them to check?

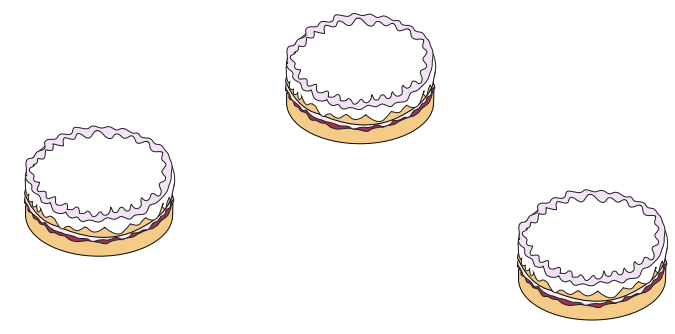
I estimate I counted



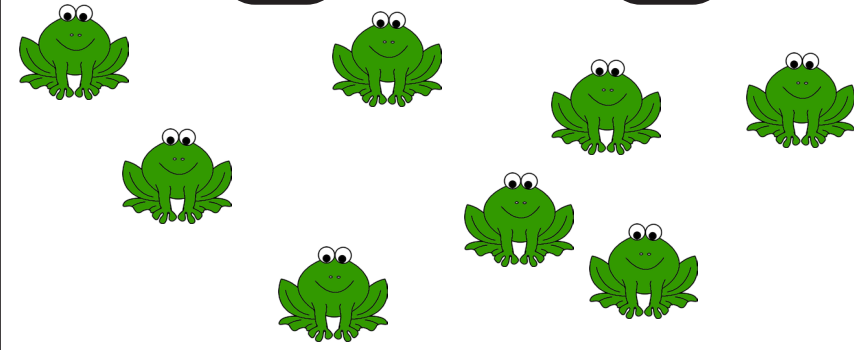
I estimate I counted



I estimate I counted




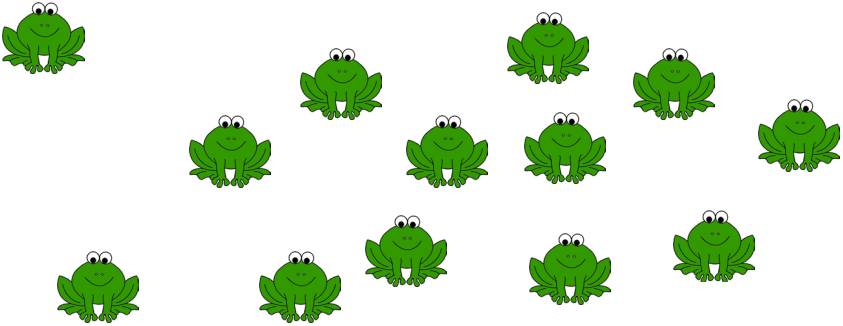
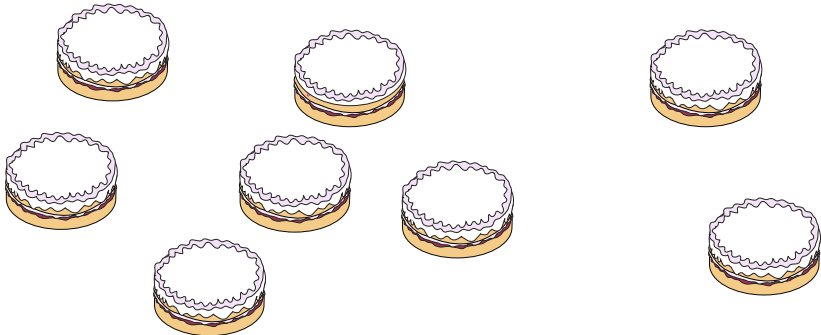
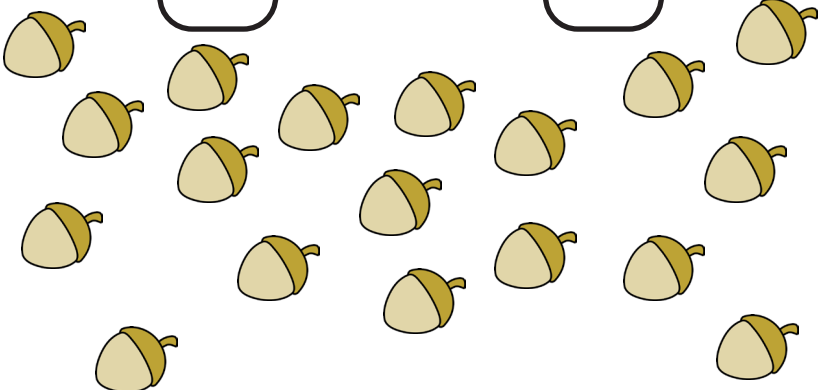
I estimate I counted



How many objects?

Sheet 2

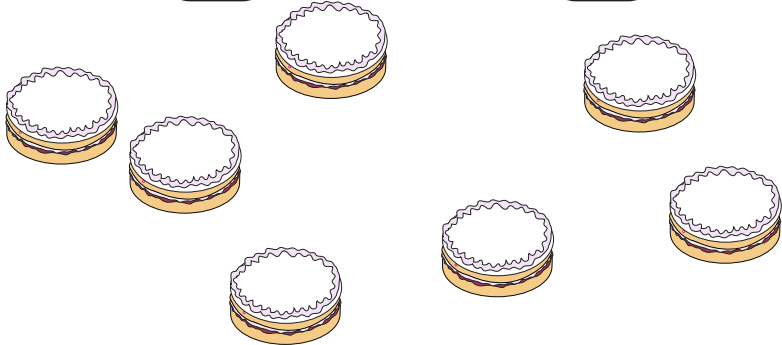

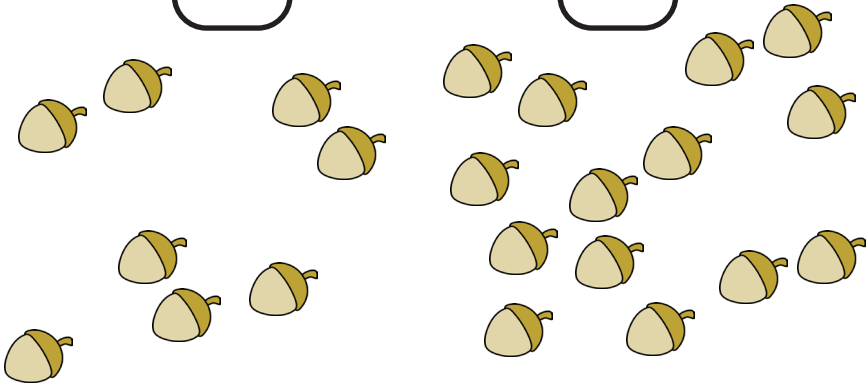
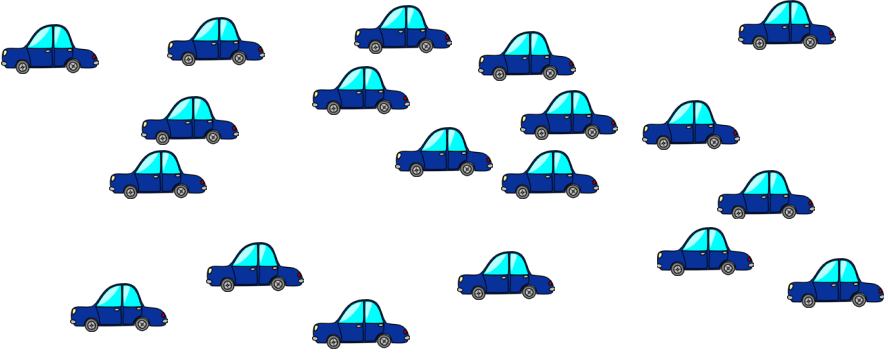
Can you estimate how many objects are in each box? Can you count them to check?

<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 	<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 
<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 	<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 

How many objects?

Sheet 3

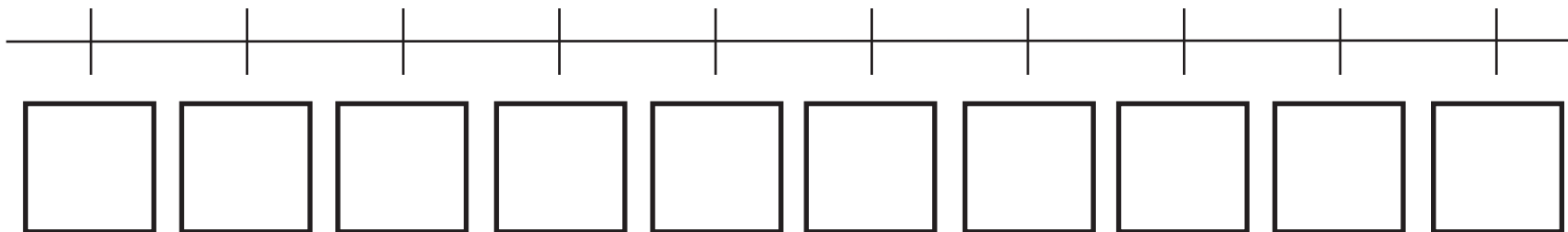
Can you estimate how many objects are in each box? Can you count them to check?

<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 	<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 
<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 	<p>I estimate <input type="text"/></p> <p>Actual <input type="text"/></p> 

Number line

Sheet 4

Cut out the numbers and order them to make your own number line.



4

1

6

2

8

9

7

10

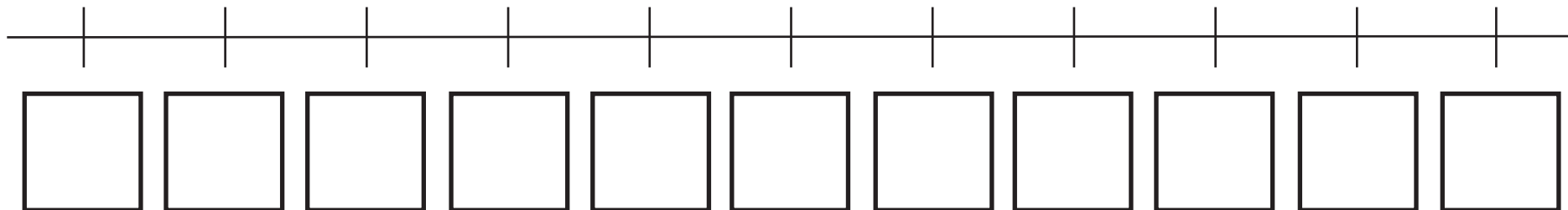
3

5

Number line

Sheet 5

Cut out the numbers and order them to make your own number line.



11

16

13

10

20

14

17

19

15

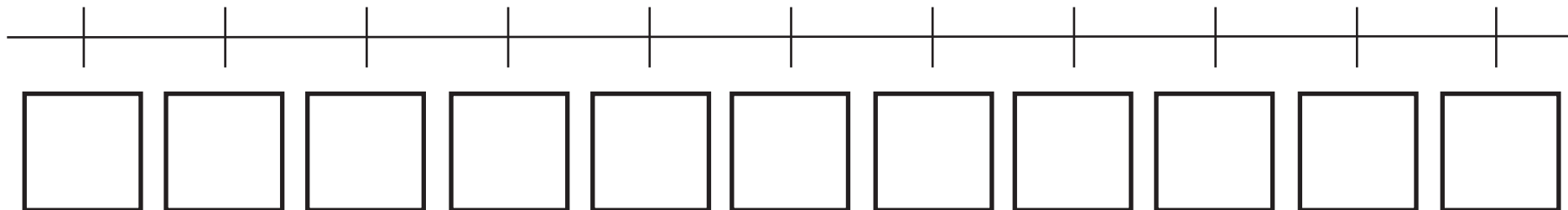
12

18

Number line

Sheet 6

Cut out the numbers and order them to make your own number line.



21

26

23

30

20

24

27

29

25

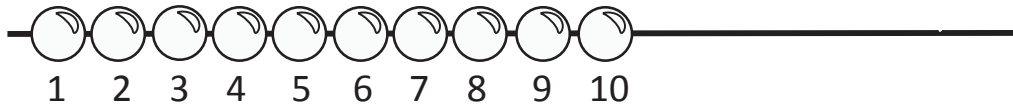
22

28

Place value

Sheet 1

The bead strings are showing different numbers. Write each number.



Place value - teen numbers

Sheet 2

The bead strings are showing different teen numbers. Write each number.



Place value - teen numbers

Sheet 3

The bead strings are showing different teen numbers.
Write each number.



Challenge

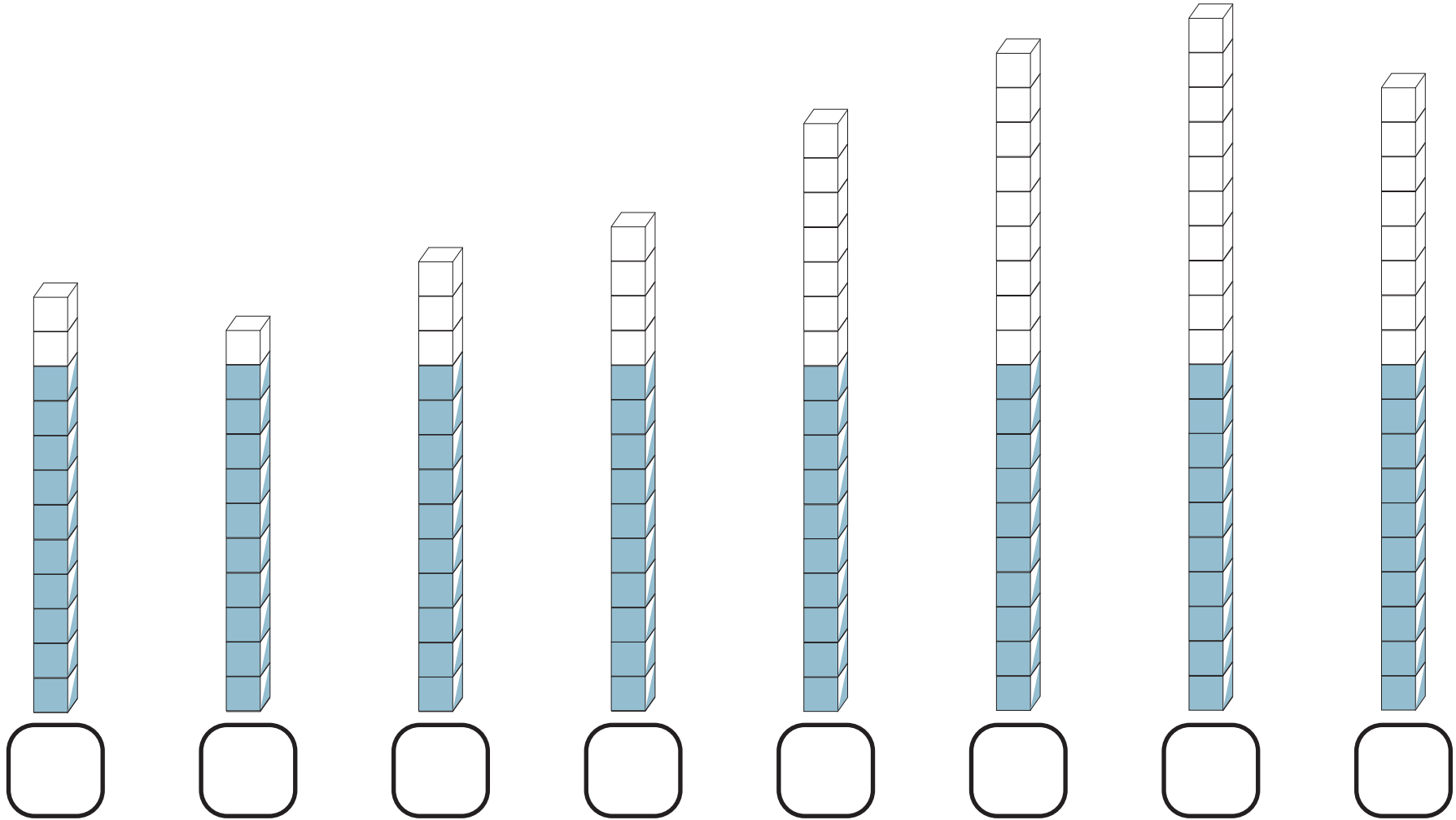
Write an addition number sentence under each bead string to describe it.



Place value - teen numbers

Sheet 1

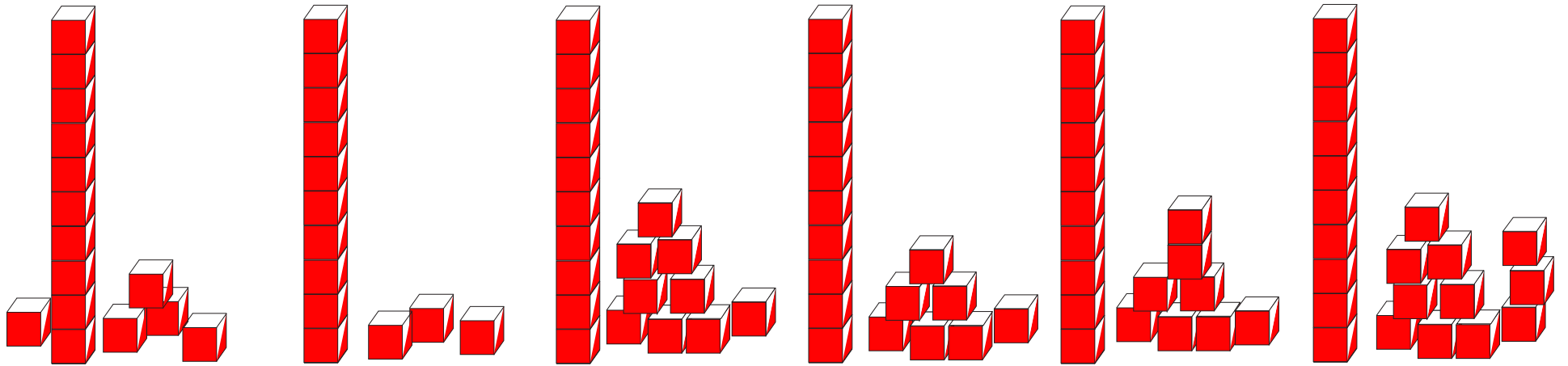
Write how many cubes tall each tower is.



Place value - teen numbers

Sheet 2

These cube towers have fallen down. Write the number sentences to help the builders rebuild them.



○ ○ ○ ○ ○ ○

Understanding Number

Answers

Precursor skills Y1 Place value Sheet 1

5, 6, 7, 8, 9, 10, 11, 12, 13
 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
 13, 14, 15, 16, 17, 18, 19, 20
 12, 13, 14, 15, 16, 17, 18, 19, 20

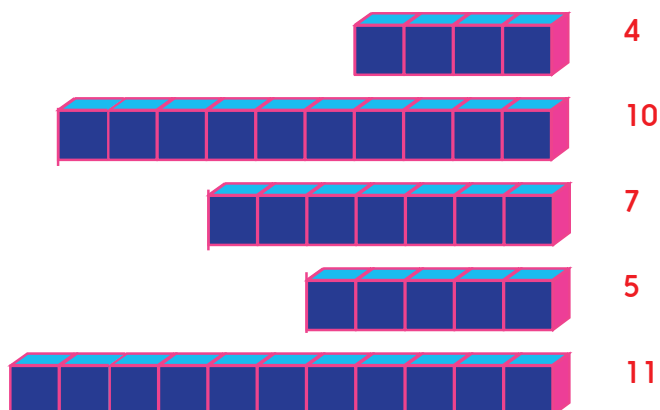
Precursor skills Y1 Place value Sheet 2

1, 2, 3, 4, 5, 6, 7, 8, 9, 10
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
 4, 5, 6, 7, 8, 9, 10, 11, 12

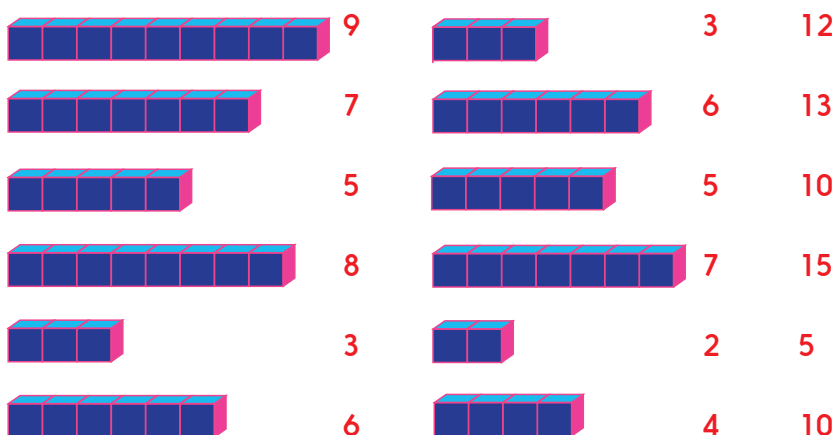
Precursor skills Y1 Place value Sheet 3

13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
 16, 17, 18, 19, 20, 21, 22, 23
 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10
 24, 23, 22, 21, 20, 19, 18, 17, 16, 15

Day 1 Y1 Cube snakes Sheet 1



Day 1 Y1 Cube snakes Sheet 2



Understanding Number

Answers

Day 1 Y1 Cube snakes Sheet 3

 $9 + 6 = 15$

 $7 + 8 = 15$

 $6 + 7 = 13$

 $2 + 7 = 9$

 $5 + 8 = 13$

 $9 + 9 = 18$

Day 2 Y1 How many objects? Sheet 1

5 cars

3 cakes

10 acorns

8 frogs

Day 2 Y1 How many objects? Sheet 2

5 coat

8 cakes

13 frogs

18 acorns

Day 2 Y1 How many objects? Sheet 3

7 cakes

22 acorns

17 aliens

19 cars

Day 2 Y1 Number line Sheets 4, 5 and 6

Children should have placed their numbers consecutively on the line.

Day 3 Y1 Place value Sheet 1

Bead strings are showing numbers: 8, 5, 7, 10, 12, 15, 14

Day 3 Y1 Place value - teen numbers Sheet 2

Bead strings are showing numbers: 14, 16, 12, 18, 19

Day 3 Y1 Place value - teen numbers Sheet 3

Bead strings are showing numbers: 14, 16, 12, 18, 19

Challenge

Addition number sentences to describe the bead strings:

$10 + 3 = 10$

$10 + 7 = 17$

$10 + 1 = 11$

Understanding Number

Answers

Day 4 Y1 Place value - teen numbers Sheet 1

The towers are 12, 11, 13, 14, 17, 19, 20 and 18 cubes tall.

Day 4 Y1 Place value - teen numbers Sheet 2

$10 + 5 = 15$

$10 + 7 = 17$

$10 + 3 = 13$

$10 + 8 = 18$

$10 + 9 = 19$

$10 + 11 = 21$