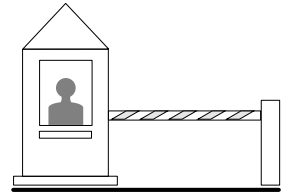# Milestone Maths
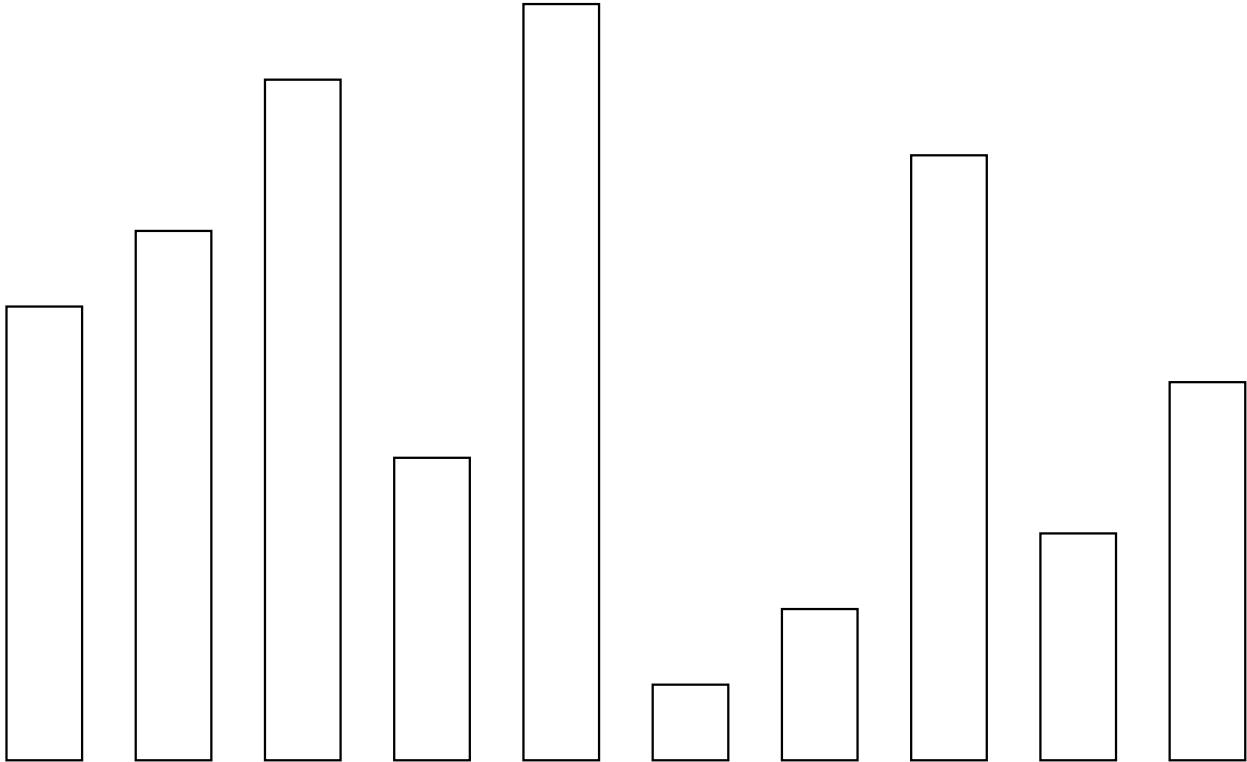
by

Kathy Gonzalez
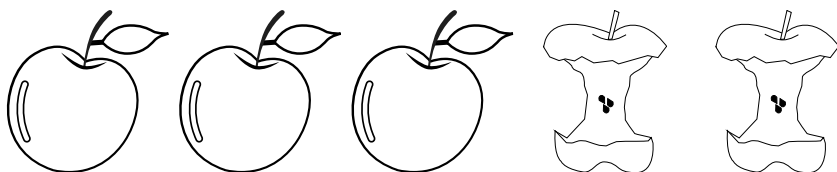
Student Book

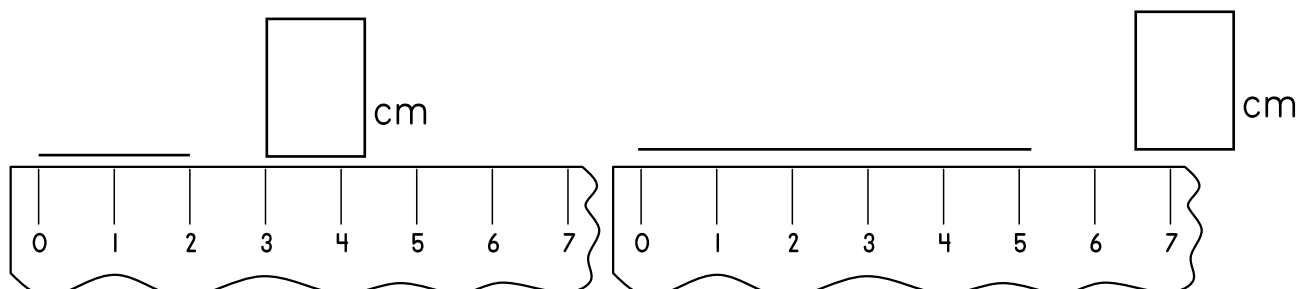# Level C1

π
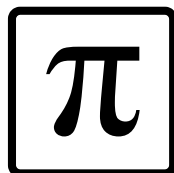
Milestone

Lesson 8

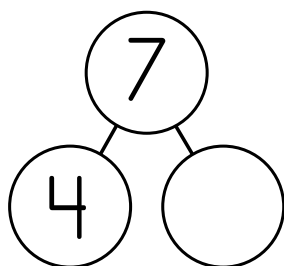Measure the Sumstix drawn below with real ones. Colour and label the Sumstix with the correct numbers.

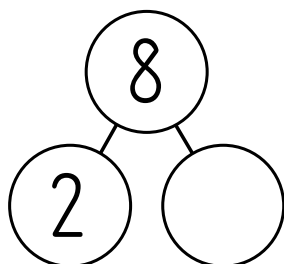Write a subtraction equation to describe the picture.

_____

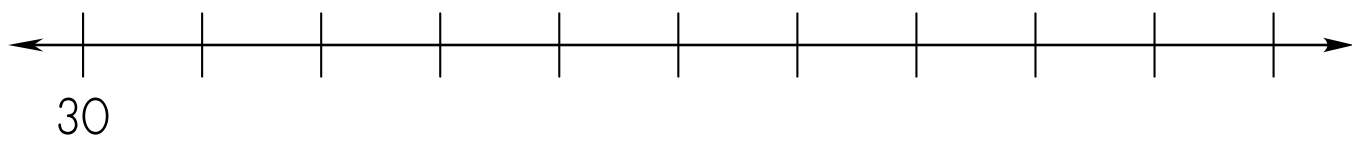Find the length of each line to the nearest centimetre (cm).

cm

cm

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

Fill in the missing number in each number bond and then write the four equations that the number bond can represent.

_____   _____

_____   _____

_____   _____

_____   _____

Fill in the missing numbers on the number line.

30

Fill in the missing numbers.

$6 - 2 =$ _____ $6 + 2 =$ _____ $1 + 2 =$ _____

$7 - 1 =$ _____   _____ $+ 1 = 6$ $4 - 2 =$ _____

$8 - 6 =$ _____ $10 +$ _____ $= 10$ _____ $+ 3 = 10$

$2 + 8 =$ _____ $10 + 2 =$ _____   _____ $+ 7 = 8$

$1 +$ _____ $= 5$ $4 +$ _____ $= 7$ $5 + 3 =$ _____

_____ $+ 2 = 7$ $1 +$ _____ $= 6$ $2 + 3 =$ _____
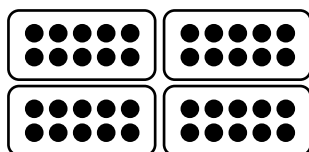
$10 - 9 =$ _____ $4 +$ _____ $= 9$ $8 - 2 =$ _____

Lesson 16
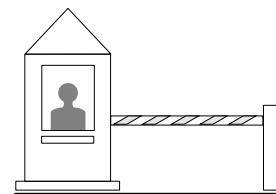
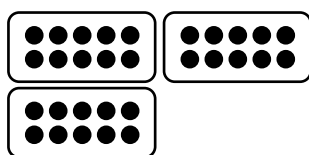How many digits are there in each number?
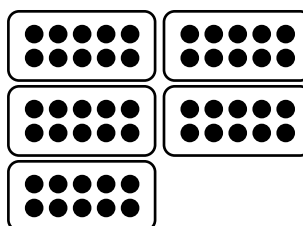
762 ☐   8 ☐   13 ☐

Count the dots.
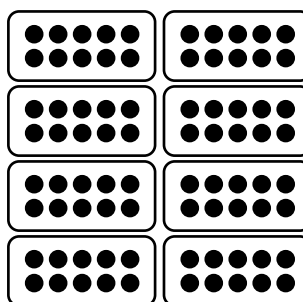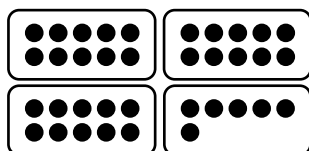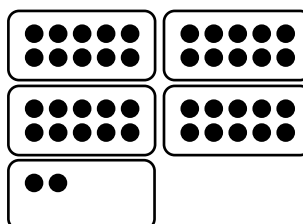
Write the numbers

fifty-four [ ]

thirty-one [ ]

fourty-six [ ]

thirteen [ ]

Write the numbers represented by the Sumstix

[ ]

[ ]
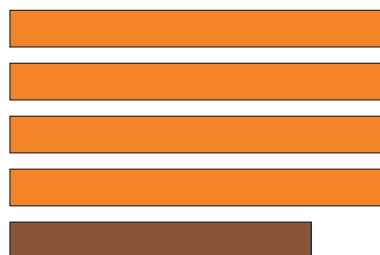
Write the numbers in expanded form.

58 = _____

77 = _____

46 = _____

15 = _____

32 = _____

69 = _____

Write the following numbers on the place value charts.

56

t	o

29

t	o

Lesson 24

CHECKPOINT 3
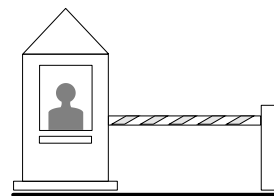
Find the missing numbers.
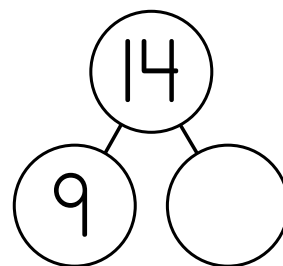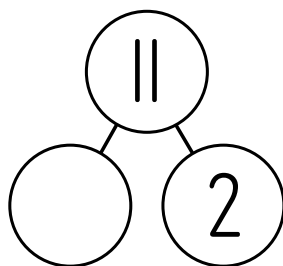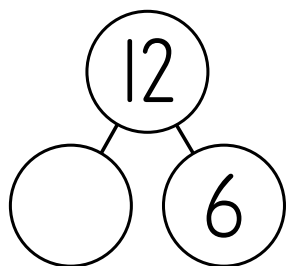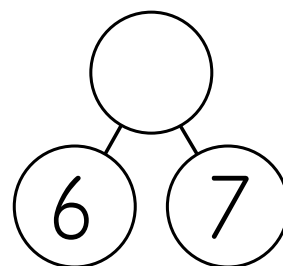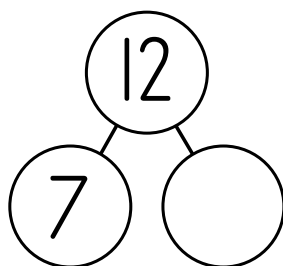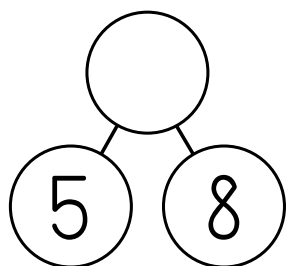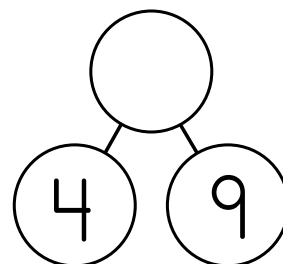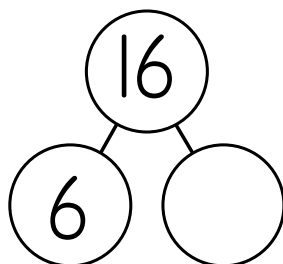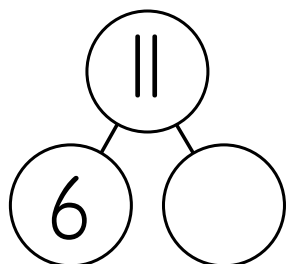
3 + 9 = _____   ___ + 9 = 16   9 + _____ = 16

8 + _____ = 15   ___ + 8 = 16   8 + _____ = 11

7 + 3 = _____   ___ + 8 = 15   9 + _____ = 12

9 + _____ = 15   8 + 9 = _____   ___ + 8 = 14

___ + 4 = 12   4 + 8 = _____   7 + 4 = _____

Find all the number bonds for the number 13.
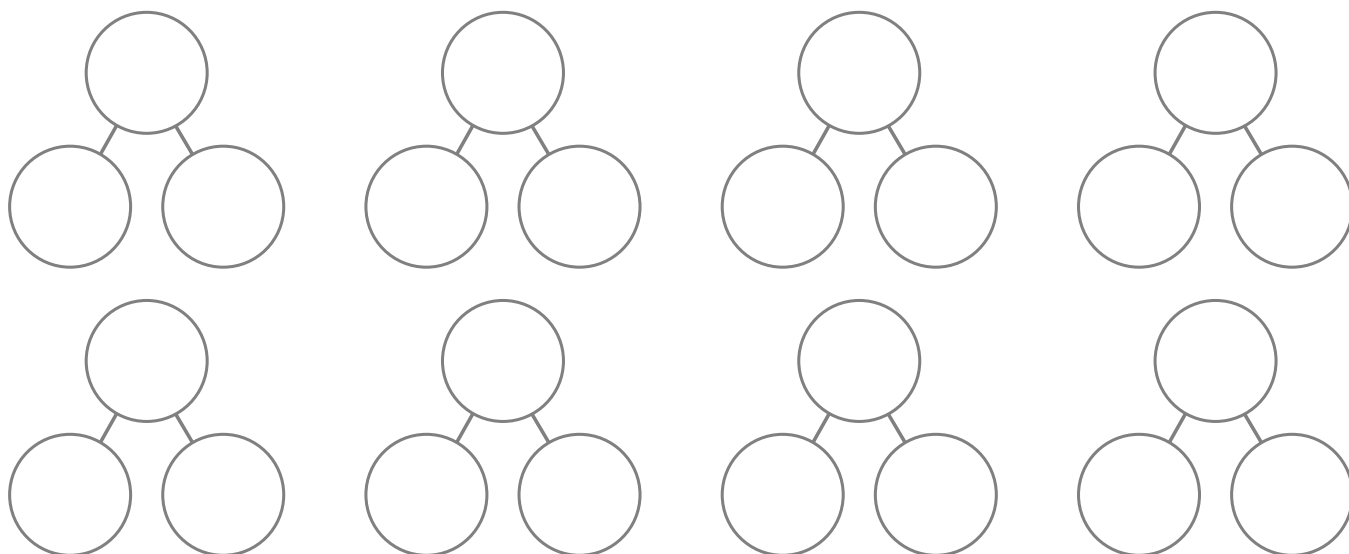
Choose two number bonds that you wrote above and copy them below. Then write the four equations represented by each number bond.

_____   _____

_____   _____

_____   _____

_____   _____
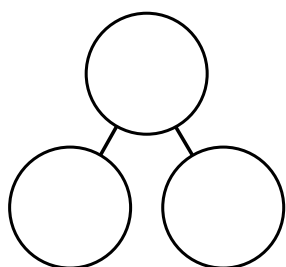
Mary Mary Quite Contrary had 6 silver bells and 5 blue bells. How many bells did Mary have all together?

_____

Mary had _____ bells.

Lesson 28

CHECKPOINT 4
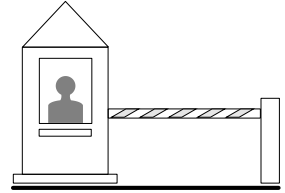
RIDDLE

What is always coming but never arrives?

1. I am a symmetrical shape with no straight sides. (R)

2. My sides are all straight but I have no parallel sides. (O)

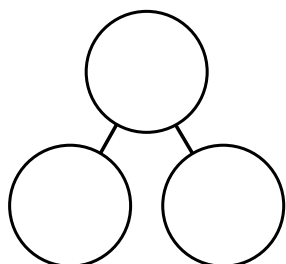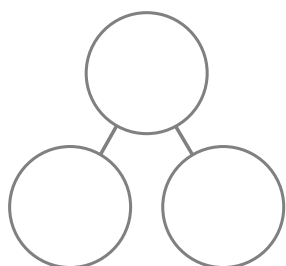3. You find me in nature. My picture has one straight side but no symmetry. (R)

4. When you see me in real life, both my colours and my shape are symmetrical. (T)

5. I have one pair of parallel sides but I am not symmetrical. (W)

6. I have four curved sides and eight straight sides. (O)

7. I have two pairs of parallel sides. (O)

8. I have three pairs of parallel sides. (M)
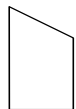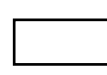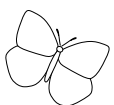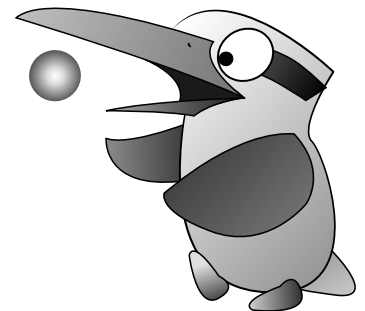
Sarah had 8 crayons in her box. She had 4 more crayons on the floor. How many crayons did Sarah have?
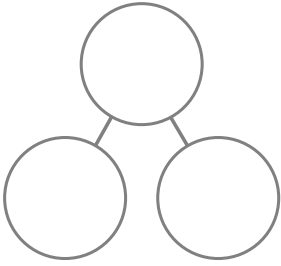
Sarah had _____ crayons.

Write the numbers in expanded form.

60 = _____   37 = _____

88 = _____   91 = _____

_____ + 7 = 16   5 + _____ = 11   11 - 6 = _____

17 - 8 = _____   13 - 5 = _____   12 - 3 = _____

13 - 5 = _____   15 - 6 = _____   _____ + 6 = 13

_____ + 4 = 11   3 + _____ = 11   18 - 9 = _____

Use Sumstix to find the missing numbers.
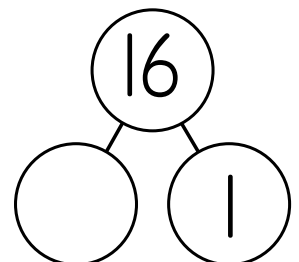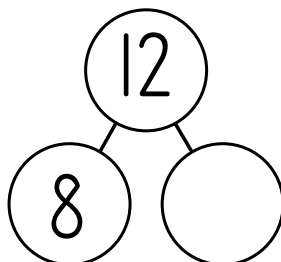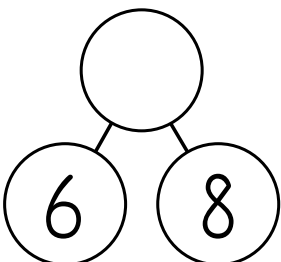
Lesson 39

Add one or two.

$1 + 22 =$ _____ $2 + 60 =$ _____ $37 + 1 =$ _____

$2 + 16 =$ _____ $1 + 69 =$ _____ $88 + 2 =$ _____
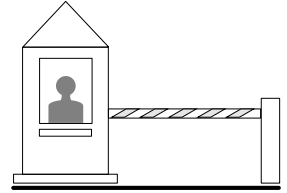
Add seven, eight or nine.

$9 + 3 =$ _____ $7 + 4 =$ _____

$7 + 6 =$ _____ $9 + 7 =$ _____

$9 + 4 =$ _____ $8 + 9 =$ _____

$9 + 8 =$ _____ $9 + 9 =$ _____

$8 + 5 =$ _____ $8 + 7 =$ _____

$7 + 5 =$ _____ $8 + 8 =$ _____

Doubles and doubles plus one.

$6 + 7 =$ _____ $6 + 6 =$ _____

$7 + 7 =$ _____ $5 + 6 =$ _____

$7 + 8 =$ _____ $8 + 9 =$ _____

$9 + 9 =$ _____ $8 + 8 =$ _____

REVIEW AND PRACTICE

John recorded the weather each day in April for his science lessons. He found that 16 days were rainy. Seven of the rainy days were also windy. How many days was it rainy but not windy?

_____
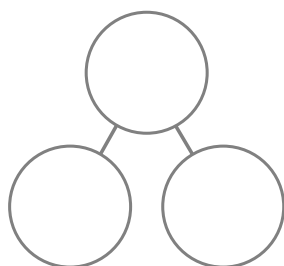
There were _____ rainy days with no wind.

Count on from the numbers.

46, _____, _____, _____   34, _____, _____, _____

23, _____, _____, _____   61, _____, _____, _____

60, _____, _____, _____   59, _____, _____, _____

Use whichever method you like best to solve the subtractions:

13 – 8 = _____   11 – 4 = _____   14 – 7 = _____

12 – 9 = _____   12 – 8 = _____   12 – 5 = _____

14 – 6 = _____   18 – 9 = _____   11 – 8 = _____

Follow the instructions.

3 ... +9 ... +2 ... –6 ... +7 ... –6 ... –2 ... +4 ... –7
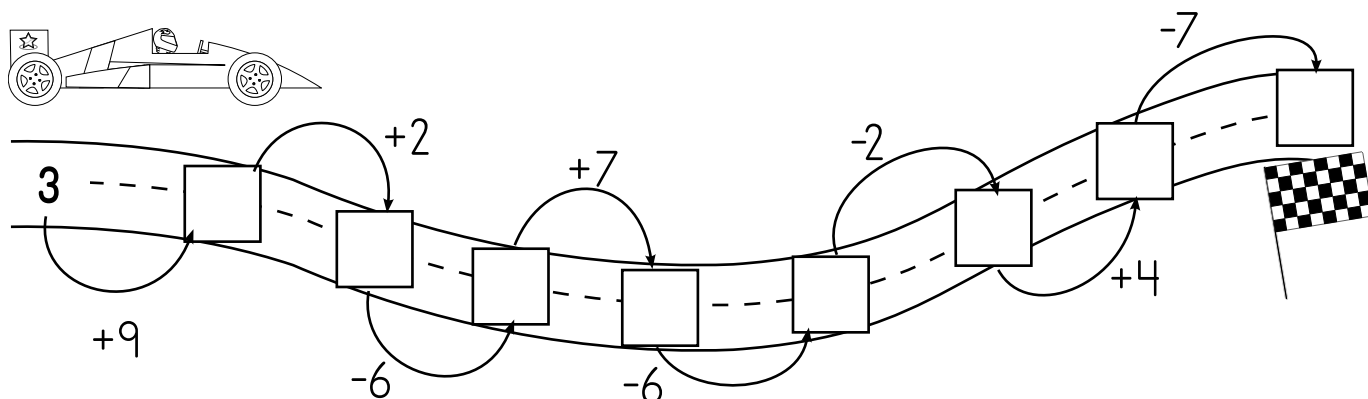
Lesson 40

Each bundle contains ten sticks. How many sticks are there all together?
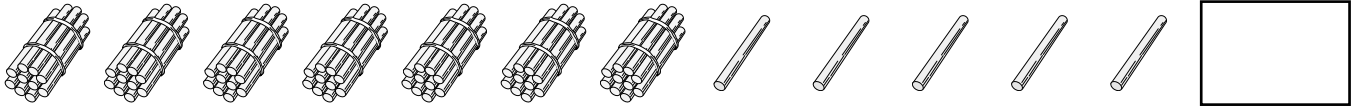
Write each number in expanded form:

64 = _____

92 = _____

35 = _____

95 = _____

Find the fractions (use Sumstix if you need them)

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

$\frac{1}{2}$ of 20 = _____

$\frac{1}{2}$ of 8 = _____

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

$\frac{1}{4}$ of 12 = _____

$\frac{1}{2}$ of 14 = _____

$\frac{1}{2}$ of 6 = _____

$\frac{1}{2}$ of 18 = _____

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

Write the following numbers on the place value charts.

85

t	o

21

t	o

72

t	o

10

t	o

RIDDLE

What do you get when you cross a sheep with a kangaroo?

17 / 8 — R

18 / 12 — A

__ / 11 / 2 — P

15 / 8 — W

__ / 12 / 5 — Y

__ / 4 / 11 — J

12 / 4 — O

__ / 6 / 8 — O

17 / 15 — E

20 / 10 / __ — U

18 / 15 / __ — M

__ / 5 / 7 — L
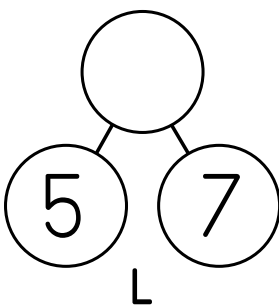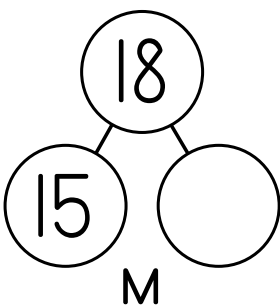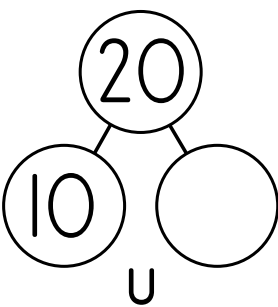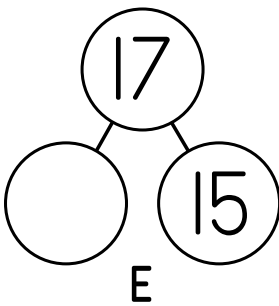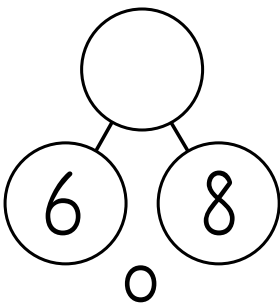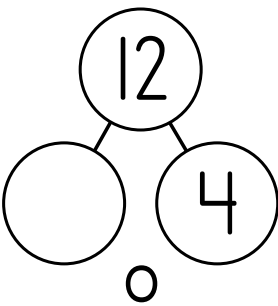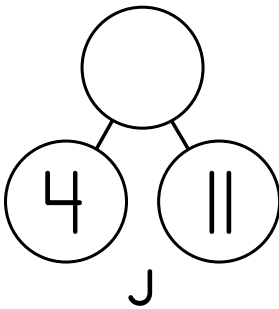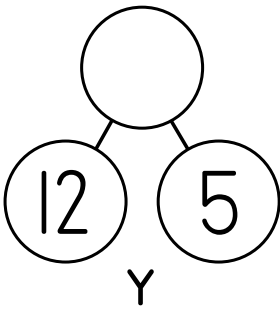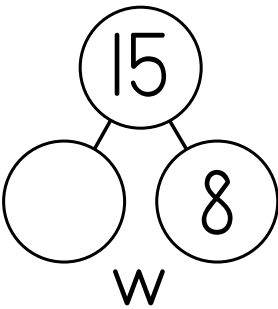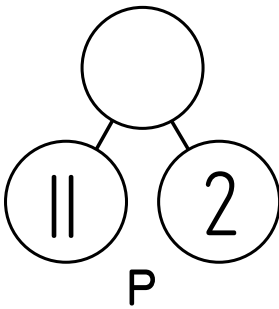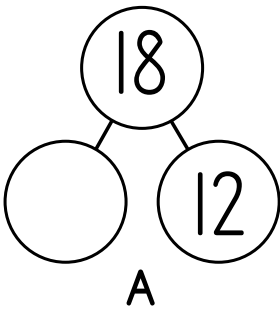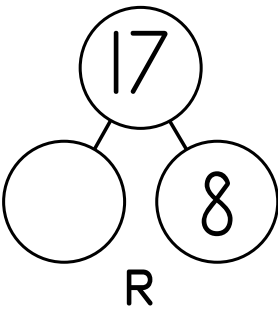
$\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$
6   7   14   8   12   17

$\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$ $\underline{\quad}$
15   10   3   13   2   9

Drill 1

6 + 4 =_____	2 + 4 =_____	2 + 5 =_____
8 + 1 =_____	2 + 8 =_____	1 + 4 =_____
4 + 5 =_____	6 + 3 =_____	1 + 9 =_____
7 + 3 =_____	5 + 4 =_____	2 + 3 =_____
1 + 1 =_____	6 + 1 =_____	3 + 6 =_____
5 + 2 =_____	4 + 4 =_____	1 + 7 =_____
9 + 1 =_____	7 + 1 =_____	7 + 2 =_____
5 + 5 =_____	4 + 1 =_____	3 + 3 =_____
3 + 4 =_____	3 + 7 =_____	6 + 2 =_____
4 + 2 =_____	3 + 2 =_____	1 + 5 =_____
3 + 1 =_____	2 + 6 =_____	1 + 3 =_____
5 + 1 =_____	1 + 2 =_____	1 + 6 =_____
2 + 7 =_____	2 + 1 =_____	8 + 2 =_____
1 + 8 =_____	2 + 2 =_____	4 + 6 =_____
5 + 3 =_____	3 + 5 =_____	4 + 3 =_____
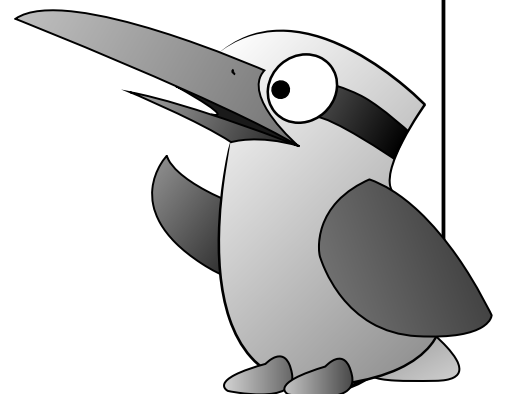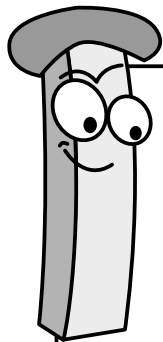
Drill 33

8 + 2 = _____	5 + 1 = _____	3 + 2 = _____
10 + 1 = _____	1 + 1 = _____	9 + 1 = _____
6 + 3 = _____	4 + 1 = _____	3 + 3 = _____
4 + 6 = _____	4 + 1 = _____	2 + 1 = _____
3 + 4 = _____	3 + 6 = _____	2 + 5 = _____
1 + 5 = _____	3 + 5 = _____	1 + 2 = _____
1 + 4 = _____	7 + 1 = _____	9 + 2 = _____
5 + 4 = _____	1 + 7 = _____	3 + 1 = _____
5 + 2 = _____	2 + 1 = _____	10 + 2 = _____
7 + 2 = _____	3 + 2 = _____	1 + 3 = _____
5 + 2 = _____	2 + 2 = _____	9 + 1 = _____
7 + 3 = _____	2 + 2 = _____	2 + 3 = _____
2 + 4 = _____	4 + 4 = _____	4 + 3 = _____
5 + 3 = _____	1 + 2 = _____	1 + 6 = _____
8 + 1 = _____	3 + 7 = _____	6 + 1 = _____
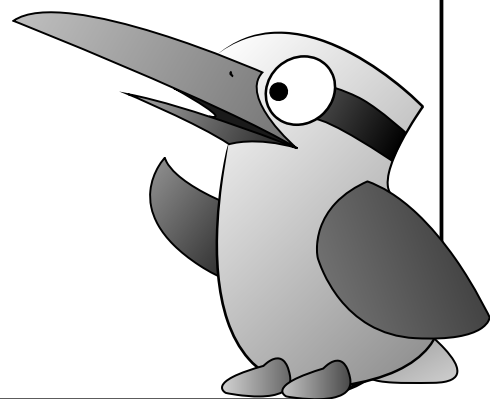
Drill 5

10 - 7 = _____	7 - 1 = _____	9 - 1 = _____
8 - 7 = _____	6 - 3 = _____	8 - 5 = _____
5 - 3 = _____	9 - 3 = _____	7 - 2 = _____
6 - 2 = _____	5 - 2 = _____	8 - 6 = _____
4 - 3 = _____	10 - 2 = _____	10 - 9 = _____
6 - 4 = _____	9 - 7 = _____	5 - 1 = _____
7 - 6 = _____	7 - 3 = _____	4 - 1 = _____
4 - 2 = _____	8 - 2 = _____	10 - 4 = _____
8 - 4 = _____	9 - 8 = _____	10 - 6 = _____
9 - 5 = _____	10 - 5 = _____	7 - 5 = _____
10 - 1 = _____	3 - 2 = _____	3 - 1 = _____
8 - 3 = _____	9 - 2 = _____	2 - 1 = _____
8 - 1 = _____	10 - 3 = _____	5 - 4 = _____
6 - 1 = _____	7 - 4 = _____	9 - 4 = _____
6 - 5 = _____	10 - 8 = _____	9 - 6 = _____