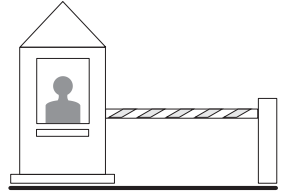
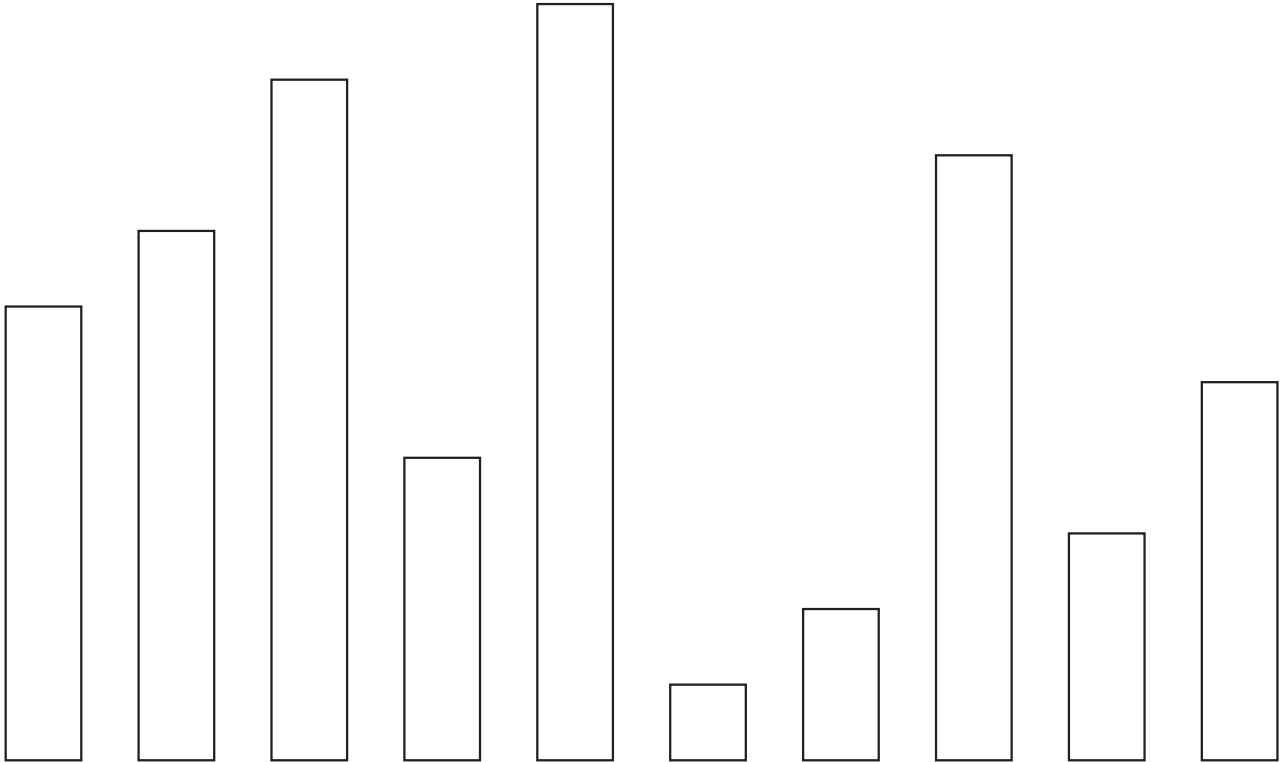


Lesson 8

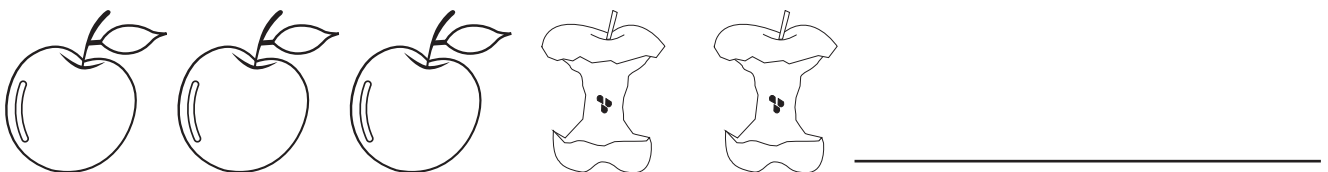
CHECKPOINT



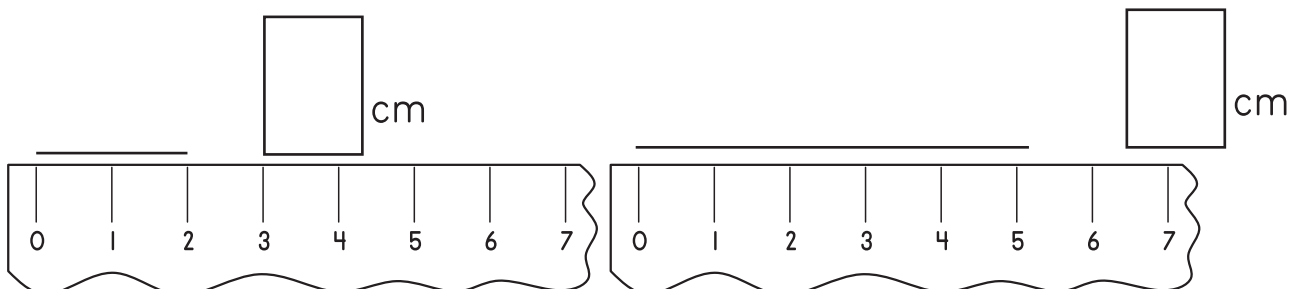
Measure the Sumstix drawn below with real ones. Colour and label the Sumstix with the correct numbers.



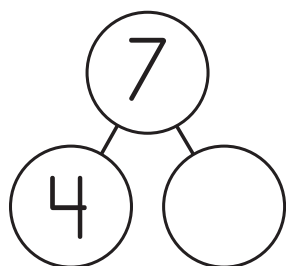
Write a subtraction equation to describe the picture.

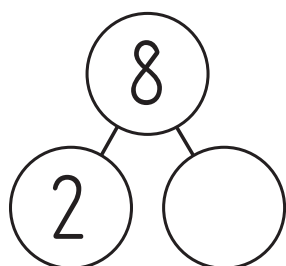


Find the length of each line to the nearest centimetre (cm).

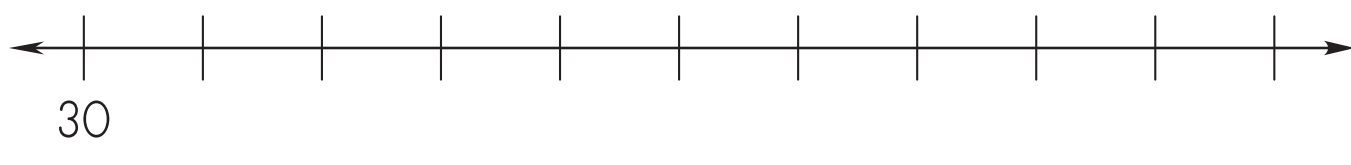


Fill in the missing number in each number bond and then write the four equations that the number bond can represent.





Fill in the missing numbers on the number line.



Fill in the missing numbers.

$6 - 2 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$\underline{\quad} + 1 = 6$

$4 - 2 = \underline{\quad}$

$8 - 6 = \underline{\quad}$

$10 + \underline{\quad} = 10$

$\underline{\quad} + 3 = 10$

$2 + 8 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$\underline{\quad} + 7 = 8$

$1 + \underline{\quad} = 5$

$4 + \underline{\quad} = 7$

$5 + 3 = \underline{\quad}$

$\underline{\quad} + 2 = 7$

$1 + \underline{\quad} = 6$

$2 + 3 = \underline{\quad}$

$10 - 9 = \underline{\quad}$

$4 + \underline{\quad} = 9$

$8 - 2 = \underline{\quad}$



Drill 8

$4 + 1 = \underline{\quad}$

$1 + 4 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

$9 + 1 = \underline{\quad}$

$2 + 7 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$1 + 5 = \underline{\quad}$

$5 + 2 = \underline{\quad}$

$2 + 3 = \underline{\quad}$

$1 + 3 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$4 + 6 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

$1 + 6 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$2 + 4 = \underline{\quad}$

$2 + 6 = \underline{\quad}$

$5 + 3 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$7 + 2 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$6 + 1 = \underline{\quad}$

$3 + 5 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$6 + 4 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$1 + 7 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

$3 + 2 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$6 + 3 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

$2 + 5 = \underline{\quad}$

$3 + 6 = \underline{\quad}$

$8 + 2 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

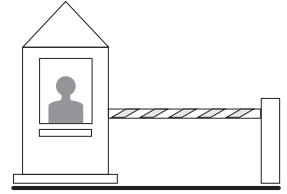
$8 + 1 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$5 + 1 = \underline{\quad}$

Lesson 16

CHECKPOINT TWO



How many digits are there in each number?

762

8

13

Count the dots.

Write the numbers

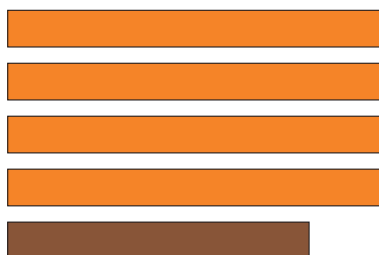
fifty-four

thirty-one

fourty-six

thirteen

Write the numbers represented by the Sumstix



Write the numbers in expanded form.

$58 = \underline{\hspace{2cm}}$

$77 = \underline{\hspace{2cm}}$

$46 = \underline{\hspace{2cm}}$

$15 = \underline{\hspace{2cm}}$

$32 = \underline{\hspace{2cm}}$

$69 = \underline{\hspace{2cm}}$

Write the following numbers on the place value charts.

t	o
56	

t	o
29	

Drill 16



$8 - 4 = \underline{\quad}$

$4 - 3 = \underline{\quad}$

$6 - 5 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$5 - 4 = \underline{\quad}$

$8 - 1 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$9 - 2 = \underline{\quad}$

$7 - 4 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

$9 - 7 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$3 - 2 = \underline{\quad}$

$8 - 6 = \underline{\quad}$

$7 - 3 = \underline{\quad}$

$6 - 3 = \underline{\quad}$

$8 - 7 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

$5 - 3 = \underline{\quad}$

$8 - 5 = \underline{\quad}$

$8 - 3 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$9 - 4 = \underline{\quad}$

$6 - 1 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$7 - 5 = \underline{\quad}$

$7 - 2 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

$4 - 1 = \underline{\quad}$

$9 - 8 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$7 - 6 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

$9 - 1 = \underline{\quad}$

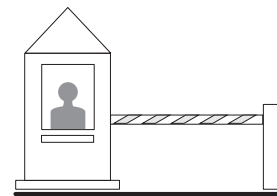
$9 - 6 = \underline{\quad}$

$9 - 3 = \underline{\quad}$

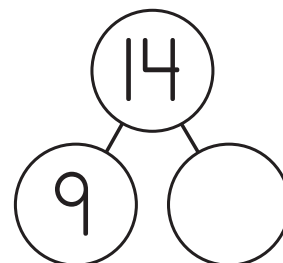
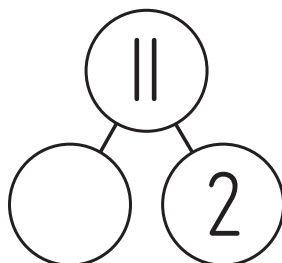
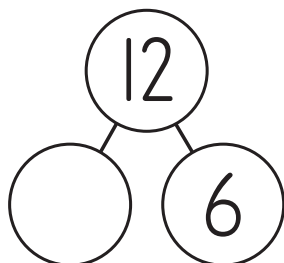
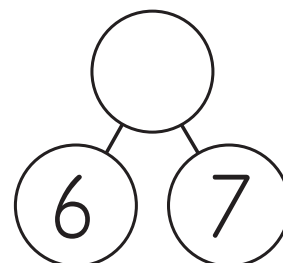
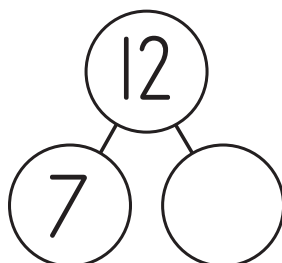
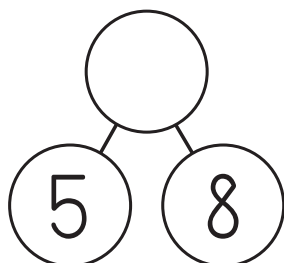
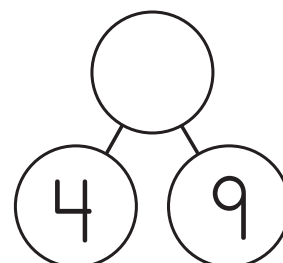
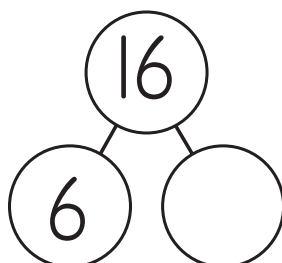
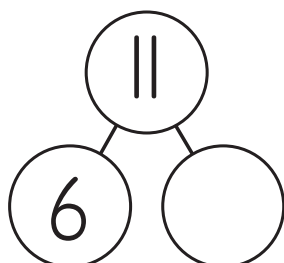
$10 - 9 = \underline{\quad}$

Lesson 24

CHECKPOINT 3



Find the missing numbers.



$3 + 9 = \underline{\quad}$

$\underline{\quad} + 9 = 16$

$9 + \underline{\quad} = 16$

$8 + \underline{\quad} = 15$

$\underline{\quad} + 8 = 16$

$8 + \underline{\quad} = 11$

$7 + 3 = \underline{\quad}$

$\underline{\quad} + 8 = 15$

$9 + \underline{\quad} = 12$

$9 + \underline{\quad} = 15$

$8 + 9 = \underline{\quad}$

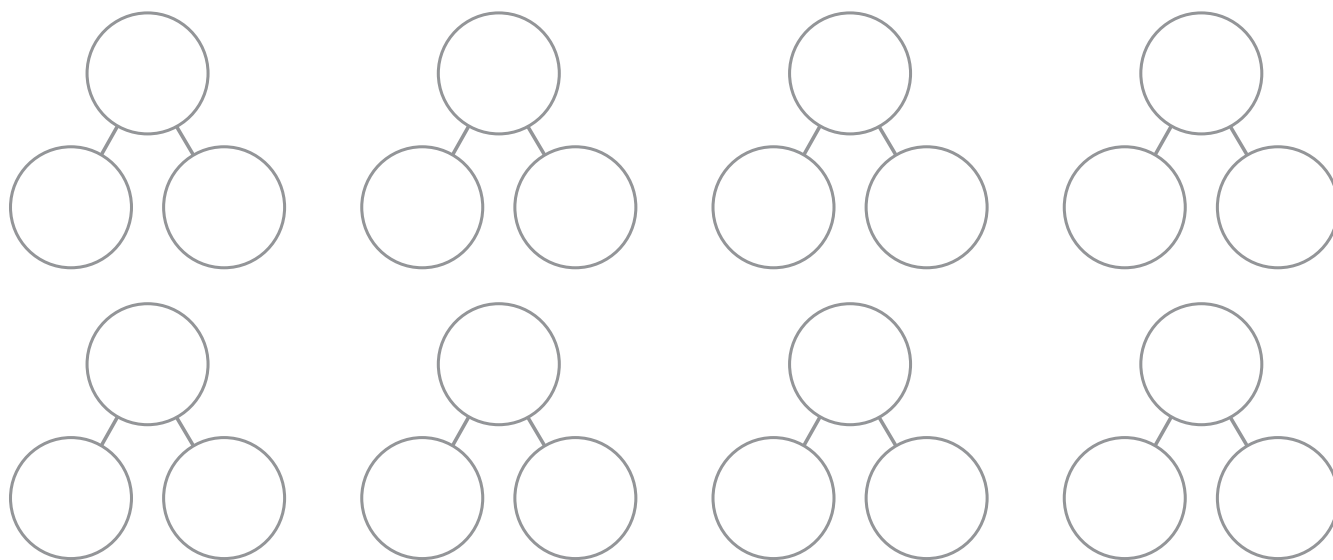
$\underline{\quad} + 8 = 14$

$\underline{\quad} + 4 = 12$

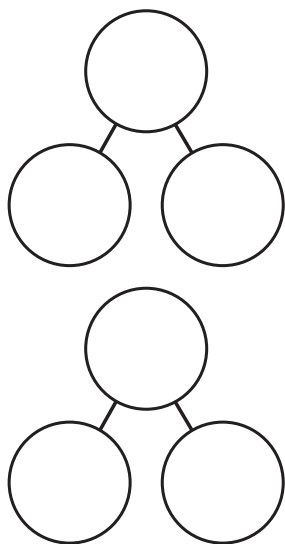
$4 + 8 = \underline{\quad}$

$7 + 4 = \underline{\quad}$

Draw the number rainbow for 13 then make the number bonds to match.



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



_____	_____
_____	_____
_____	_____
_____	_____

Drill 24



$5 - 3 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$3 - 2 = \underline{\quad}$

$9 - 1 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

$9 - 4 = \underline{\quad}$

$9 - 2 = \underline{\quad}$

$10 - 6 = \underline{\quad}$

$8 - 1 = \underline{\quad}$

$6 - 1 = \underline{\quad}$

$7 - 5 = \underline{\quad}$

$8 - 6 = \underline{\quad}$

$9 - 3 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$8 - 4 = \underline{\quad}$

$4 - 1 = \underline{\quad}$

$7 - 3 = \underline{\quad}$

$10 - 9 = \underline{\quad}$

$8 - 7 = \underline{\quad}$

$9 - 6 = \underline{\quad}$

$4 - 3 = \underline{\quad}$

$10 - 4 = \underline{\quad}$

$5 - 4 = \underline{\quad}$

$6 - 5 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$9 - 5 = \underline{\quad}$

$7 - 6 = \underline{\quad}$

$9 - 8 = \underline{\quad}$

$6 - 3 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$6 - 4 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$9 - 7 = \underline{\quad}$

$8 - 3 = \underline{\quad}$

$7 - 2 = \underline{\quad}$

$8 - 5 = \underline{\quad}$

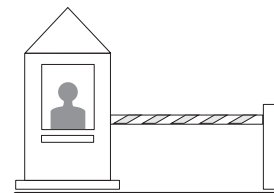
$7 - 4 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

Lesson 28

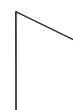
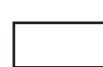
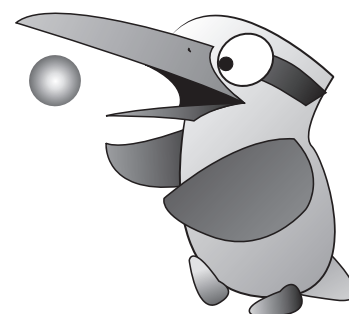
CHECKPOINT 4



RIDDLE

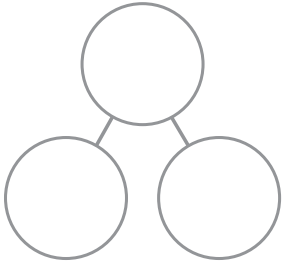
What is always coming but never arrives?

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)



REVIEW AND PRACTICE

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.

$60 = \underline{\hspace{2cm}}$

$37 = \underline{\hspace{2cm}}$

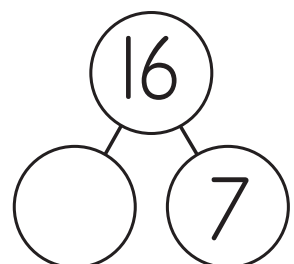
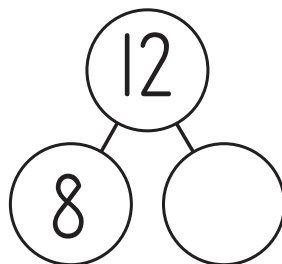
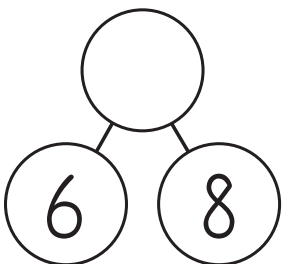
$88 = \underline{\hspace{2cm}}$

$91 = \underline{\hspace{2cm}}$

Fill in the missing numbers on the number chart.

21									

Use Sumstix to find the missing numbers.





Drill 28

$1 + 7 = \underline{\quad}$

$9 + 1 = \underline{\quad}$

$6 + 4 = \underline{\quad}$

$4 + 2 = \underline{\quad}$

$1 + 2 = \underline{\quad}$

$3 + 2 = \underline{\quad}$

$1 + 3 = \underline{\quad}$

$3 + 5 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$2 + 4 = \underline{\quad}$

$6 + 2 = \underline{\quad}$

$8 + 1 = \underline{\quad}$

$7 + 2 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

$5 + 2 = \underline{\quad}$

$1 + 6 = \underline{\quad}$

$1 + 4 = \underline{\quad}$

$3 + 6 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$1 + 5 = \underline{\quad}$

$4 + 6 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$2 + 1 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$6 + 1 = \underline{\quad}$

$2 + 6 = \underline{\quad}$

$3 + 1 = \underline{\quad}$

$4 + 1 = \underline{\quad}$

$5 + 1 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

$2 + 2 = \underline{\quad}$

$5 + 3 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$2 + 7 = \underline{\quad}$

$2 + 3 = \underline{\quad}$

$6 + 3 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$2 + 5 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$8 + 2 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$7 + 1 = \underline{\quad}$

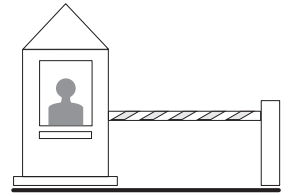
$3 + 4 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

Lesson 39

CHECKPOINT 5



Add one or two.

$1 + 22 = \underline{\quad}$

$2 + 60 = \underline{\quad}$

$37 + 1 = \underline{\quad}$

$2 + 16 = \underline{\quad}$

$1 + 69 = \underline{\quad}$

$88 + 2 = \underline{\quad}$

Add seven, eight or nine.

$9 + 3 = \underline{\quad}$

$7 + 4 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

$9 + 4 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$8 + 5 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

Doubles and doubles plus one.

$6 + 7 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$5 + 6 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

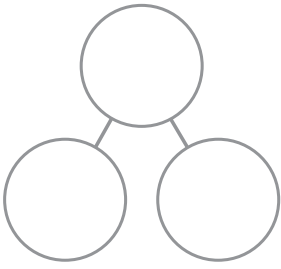
$8 + 9 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

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, _____, _____, _____

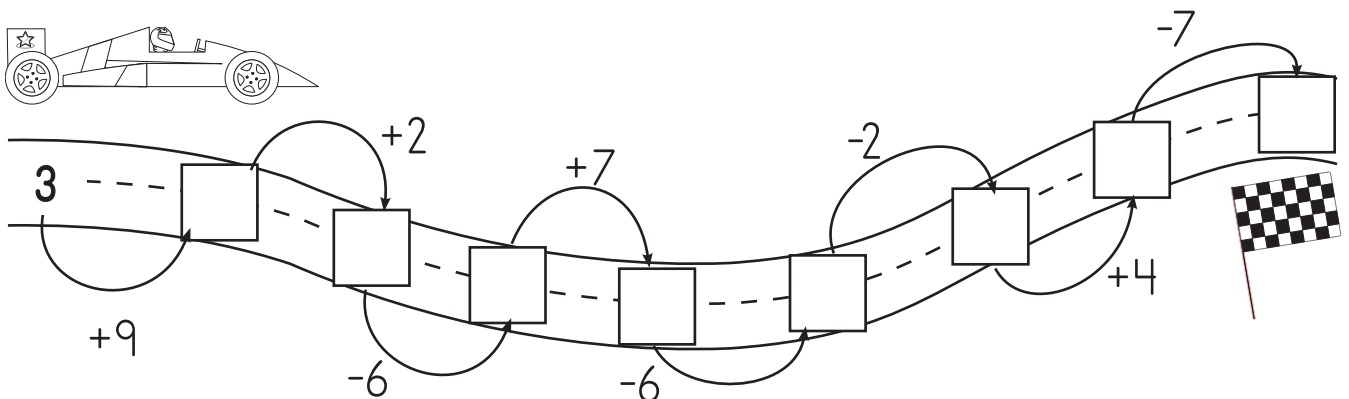
60, _____, _____, _____

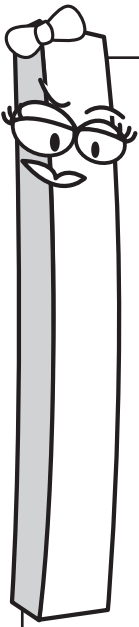
59, _____, _____, _____

Fill in the missing numbers:

1		3		5		7		9	
11		13		15		17		19	

Follow the instructions.





Drill 39

$4 - 1 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$8 - 1 = \underline{\quad}$

$9 - 2 = \underline{\quad}$

$7 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$9 - 1 = \underline{\quad}$

$7 - 2 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$11 - 1 = \underline{\quad}$

$6 - 1 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$11 - 2 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$4 - 1 = \underline{\quad}$

$7 - 2 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

$2 - 1 = \underline{\quad}$

$9 - 1 = \underline{\quad}$

$11 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$11 - 1 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$6 - 2 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$9 - 2 = \underline{\quad}$

$6 - 1 = \underline{\quad}$

$5 - 1 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$5 - 2 = \underline{\quad}$

$8 - 1 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$4 - 2 = \underline{\quad}$

$3 - 1 = \underline{\quad}$

$10 - 2 = \underline{\quad}$

$12 - 2 = \underline{\quad}$

$12 - 2 = \underline{\quad}$