

# CODING

## Book #3



And some math...

$$\begin{array}{r} 38 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 8 \\ \hline \end{array}$$

Write this number:  
6 hundreds, 9 thousands

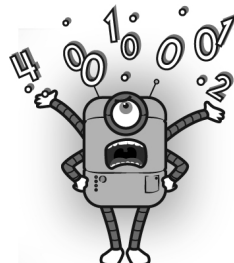
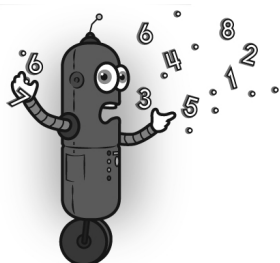
15, 17, \_\_\_\_\_, 21, 23,  
25, 27

C, F, I, L, \_\_\_\_\_, R, U,  
X

Fill in the missing  
addition or subtraction  
operations.

$$7 \text{ \_\_\_ } 3 \text{ \_\_\_ } 1 \text{ \_\_\_ } 1 = 4$$

for good measure!



Name: \_\_\_\_\_

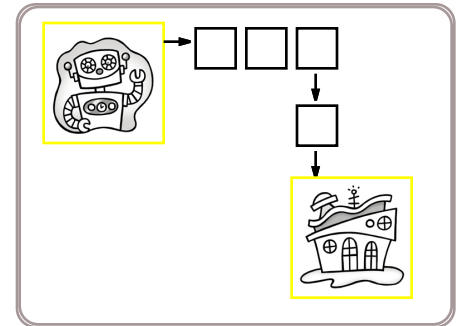
**go\_down ( how many squares )** The robot will go down this many squares.

**go\_right ( how many squares )** The robot will go right this many squares.

**Secret map:**

```
print robot()  
go right ( 3 )  
go down ( 1 )  
print robot home()
```

**Draw the map:**

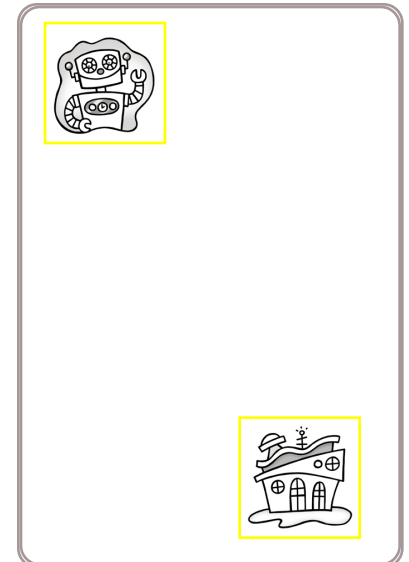


Robot moved 4 squares.

**Secret map:**

```
print robot()  
go down ( 1 )  
go right ( 3 )  
go down ( 1 )  
go down ( 1 )  
print robot home()
```

**Draw the map:**



Robot moved \_\_\_\_ squares.

$$\begin{array}{r} 439 \\ - 53 \\ \hline \end{array}$$

Amy gives each student in her class 3 fidget spinners. She gave out 42 of them. How many students are in her class?

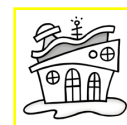
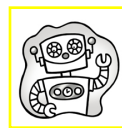
Write this number:  
9 hundreds, 5 tens, 7 thousands, 2 ones

Name: \_\_\_\_\_

**Secret map:**

```
print robot()  
go down ( 1 )  
go right ( 1 )  
go down ( 1 )  
print robot home()
```

**Draw the map:**



Robot moved \_\_\_\_ squares.

**Secret map:**

```
print robot()  
go right ( 2 )  
go down ( 2 )  
go down ( 2 )  
go right ( 1 )  
go down ( 1 )  
print robot home()
```

**Draw the map:**



Robot moved \_\_\_\_ squares.

$$6 + 5 - 6 - 3 + 3$$

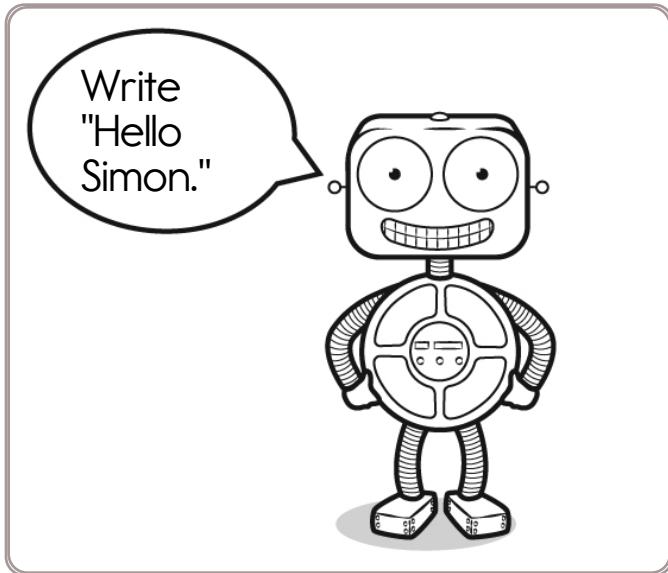
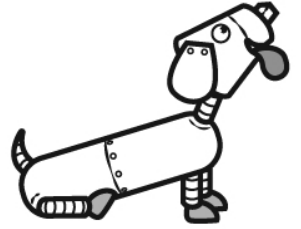
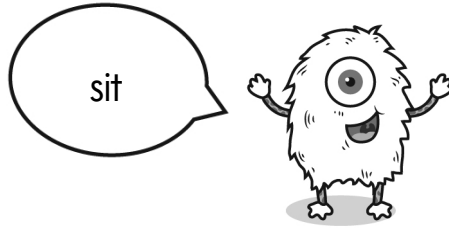
$$7 + 3 - 3$$

$$43 + 43 + 43 + 43 + 43$$

Change this into a  
multiplication problem.

\_\_\_\_ x \_\_\_\_

Name: \_\_\_\_\_



Hello

\_\_\_\_\_.

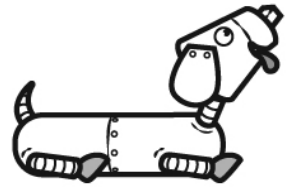
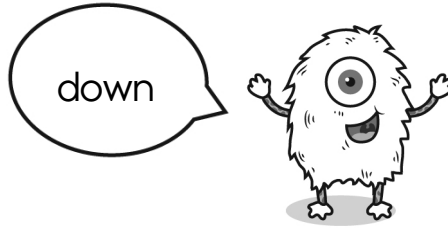
Simon says to write "Slipper Sue Sadly Sat."

Slipper \_\_\_\_\_

\_\_\_\_\_.

Simon says to draw a circle.

Name: \_\_\_\_\_



Simon says to write "Run after the ball."

R u n \_ \_ \_ \_ \_

\_ \_ \_ \_ \_ .

Simon says to draw a rectangle.

Simon says to draw a dog inside the circle.

Time for a nap.

\_ \_ \_ \_ \_

\_ \_ \_ \_ \_

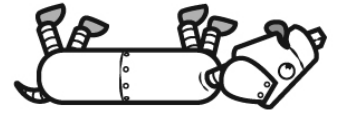
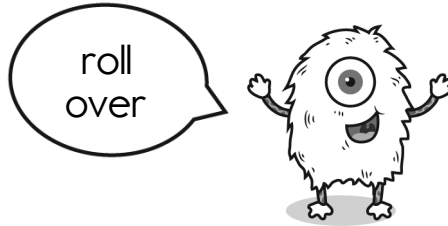
Simon says to write "Simon did NOT say to write."

S i m o n \_ \_ \_ \_ \_

\_ \_ \_ \_ \_

\_ \_ \_ \_ \_ .

Name: \_\_\_\_\_



Simon says to write "Nap"

\_\_\_\_\_

Wake up.

\_\_\_\_\_

Simon says to write "I just woke up. Did you write anything?"

I \_\_\_\_\_  
\_\_\_\_\_.  
\_\_\_\_\_  
\_\_\_\_\_

Simon says to write the letter after F.

\_\_\_\_\_

Simon says to write the letter after B.  
Simon says to write the letter before B  
Simon says to write T.

\_\_\_\_\_

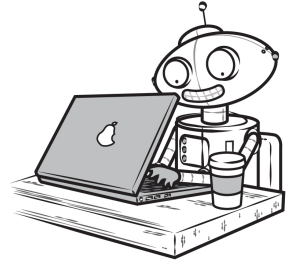
Simon says to write "I am happy."

\_\_\_\_\_.

Name: \_\_\_\_\_

## It Snowed

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



Dr. Programmer typed:

```
SnowNight = 13  
print ( "Last night it snowed",  
        SnowNight, " inches." )
```

The computer replied:

Last night it  
snowed 13 inches.

```
SnowMorning = 6  
print ( "This morning it snowed",  
        SnowMorning, " inches." )
```

\_\_\_\_\_  
\_\_\_\_\_

```
SnowTotal = SnowNight + SnowMorning  
print ( "It snowed ", SnowTotal, " inches" )
```

\_\_\_\_\_  
\_\_\_\_\_

```
SnowHour1 = 7  
SnowHour2 = 4  
SnowHour3 = 3  
SnowTotal = SnowHour1 + SnowHour2 + SnowHour3  
print ( "It snowed ", SnowTotal, " inches" )
```

\_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_

edHelper

```
SnowHour1 = 3
SnowHour2 = 4
SnowHour3 = 8
SnowTotal = SnowHour1 + SnowHour2 + SnowHour3
print ( "It snowed ", SnowTotal, " inches")
```

```
SnowHour1 = 5
SnowHour2 = 6
TotalSnow = SnowHour1 + SnowHour2
SnowMelted = 2
SnowLeft = TotalSnow - SnowMelted
print ( SnowLeft, " inches left")
```

9 inches left

```
SnowHour1 = 5
SnowHour2 = 4
TotalSnow = SnowHour1 + SnowHour2
SnowMelted = 2
SnowLeft = TotalSnow - SnowMelted
print ( SnowLeft, " inches left")
```

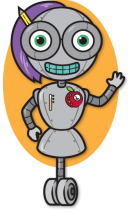
\_\_\_\_\_

```
SnowHour1 = 4
SnowHour2 = 7
TotalSnow = SnowHour1 + SnowHour2
SnowMelted = 4
SnowLeft = TotalSnow - SnowMelted
print ( SnowLeft, " inches left")
```

word root **tempor** can mean **time**      **contemporary, temporary**



Name: \_\_\_\_\_



You getting this? Hey! Is Miss Meena mean? She is not! She's Meena. But now she's getting mad! Try this on for size!

Miss Meena typed:

Boys = 12

Girls = 7

Answer = Boys - Girls

print ("There are ",Answer,  
"more boys in the class.")

The computer replied:

There are 5 more  
boys in the  
class.

Boys = 11

Girls = 14

Answer = Girls - Boys

print ("There are ",Answer,  
"more girls in the class.")

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Boys = 11

Girls = 6

Answer = Boys + Girls

print ("There are ",Answer,  
"kids in the class.")

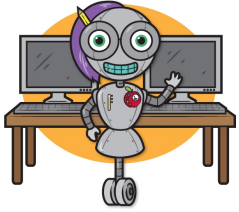
double 500

Fill in the missing  
addition or subtraction  
operations.

	2	4	9
+		6	5
<hr/>			

Name: \_\_\_\_\_

edHelper



Miss Meena is mad. Addition and subtraction are too easy. She made something up. She calls it puddytraction!

```
x = 16
x = x + 4
print ( x )
```

20

```
x = 13
x = x + 6
print ( x )
```

——

```
x = 19
x = x + 3
print ( x )
```

```
Apples = 14
BugAte = Apples - 4
print ("The bugs ate ",BugAte," apples.")
```

—— ——— ——— ———  
—— ——— ———

```
Apples = 13
BugAte = Apples - 6
print ("How many apples left?")
Answer = Apples - BugAte

print (Answer)
```

—— ——— ———  
—— ———  
——

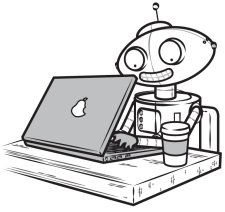
5 more than 475

$6 - 5 + 3 - 3$

Write this number:  
7 thousands, 4 hundreds, 8  
tens

Name: \_\_\_\_\_

edHelper



Okay, you are really programming! Yes, some people may call this algebra. But puddytraction is so much cooler! Wow.

```
x = 56
d = x + 9
print ("x is ",x,
      "d is ",d)
```

x i s 56  
d i s 65

```
x = 18
d = x + 3
print ("x is ",x,
      "d is ",d)
```

— — — — —  
— — — — —

```
x = 93
d = x + 8
print ("x is ",x,
      "d is ",d)
```

```
Apples = 18
BugAte = Apples - 6
print ("How many apples left?")
Answer = Apples - BugAte

print (Answer)
```

— — — — —  
— — — — —  
—

$2 + 2 = \boxed{\phantom{00}}$

$3 + 3 = \boxed{\phantom{00}}$

$10 - 6 = \boxed{\phantom{00}}$

$13 - 5 = \boxed{\phantom{00}}$

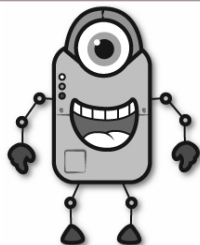
$6 + 8 = \boxed{\phantom{00}}$

$13 - 4 = \boxed{\phantom{00}}$

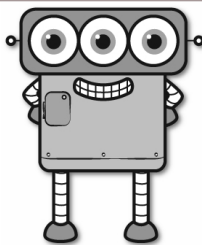
$7 + 5 = \boxed{\phantom{00}}$

$4 - 3 = \boxed{\phantom{00}}$

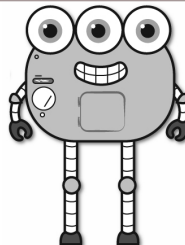
Name: \_\_\_\_\_



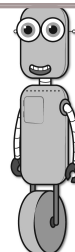
Rosa



Anna



Eric



Hunter

### Facts

Eric is twenty-four years older than Anna.

Hunter is fifty-three years older than Rosa.

Anna is fifty years older than Rosa.

Rosa is two years old.

How old is Rosa? \_\_\_\_\_

How old is Anna? \_\_\_\_\_

How old is Eric? \_\_\_\_\_

How old is Hunter? \_\_\_\_\_

Fill in the numbers.

61	62	63	64		
	72	73			76
		83	84		86

	15	

	37	38
		48
	57	

$17 - 8 = \boxed{\phantom{00}}$

$14 - 5 = \boxed{\phantom{00}}$

$4 + 2 = \boxed{\phantom{00}}$

$1 + 1 = \boxed{\phantom{00}}$

$5 + 1 = \boxed{\phantom{00}}$

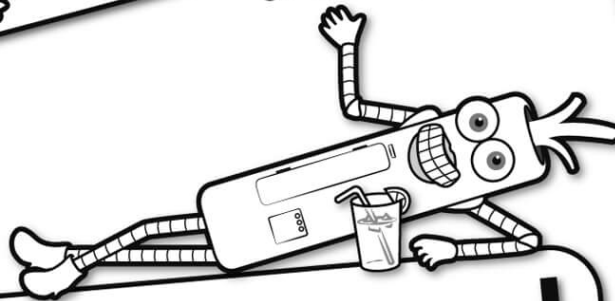
$8 - 2 = \boxed{\phantom{00}}$

$13 - 6 = \boxed{\phantom{00}}$

$14 - 7 = \boxed{\phantom{00}}$



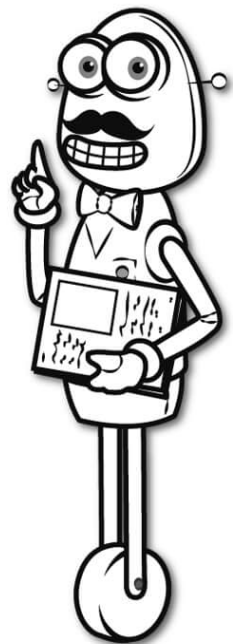
It's NO PREP at edHelper.



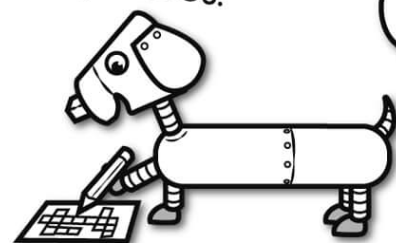
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Things for the classroom!

