

CODING

Book #2



And some math...

Fill in the missing
addition or subtraction
operations.

$$7 \text{ ____ } 5 \text{ ____ } 6 = 8$$

F, L, G, \text{ ______ }, H, N, I,
O, J, P

double 300

$$61 + 61 + 61 + 61$$

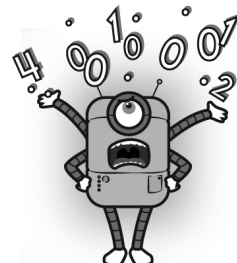
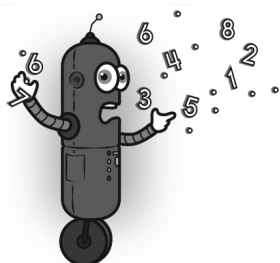
Change this into a
multiplication problem.

\text{ ____ } \times \text{ ____ }

Y, Q, V, O, S, M, P, K,
\text{ ______ }, I

Write this number:
8 ones, 2 thousands, 9 tens

for good measure!



Name: _____

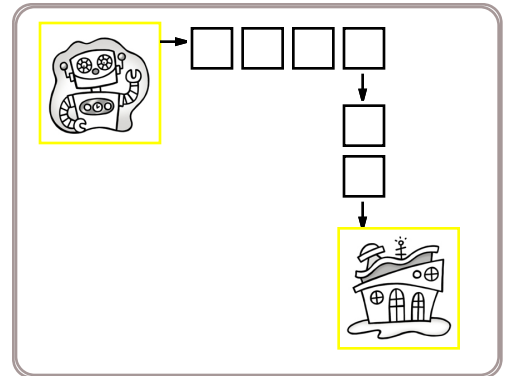
go_down (how many squares) The robot will go down this many squares.

go_right (how many squares) The robot will go right this many squares.

Secret map:

```
print robot()  
go right ( 4 )  
go down ( 2 )  
print robot home()
```

Draw the map:

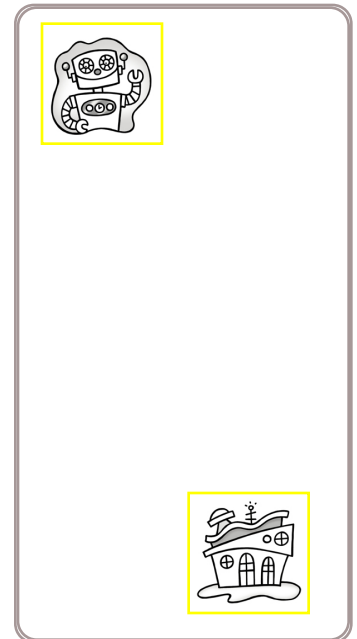


Robot moved 6 squares.

Secret map:

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

Draw the map:



Robot moved ____ squares.

$13 + \square = 18$

$31 + \square = 34$

$9 + \square = 23$

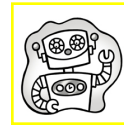
$19 + \square = 33$

Name: _____

Secret map:

```
print robot()
go right ( 3 )
go right ( 1 )
go down ( 2 )
print robot home()
```

Draw the map:



Robot moved ____ squares.

Secret map:

```
print robot()
go right ( 3 )
go down ( 2 )
print robot home()
```

Draw the map:



Robot moved ____ squares.

$$\begin{array}{r} 269 \\ - \quad 82 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - \quad 6 \\ \hline \end{array}$$

It is 8:48 when Rosa leaves her house. She arrives at school at 9:03. How much time has passed?

Write an even number with a two in the tens place.

$$8 + \square = 15$$

$$13 + \square = 25$$

$$8 + \square = 21$$

$$15 + \square = 37$$

Name: _____

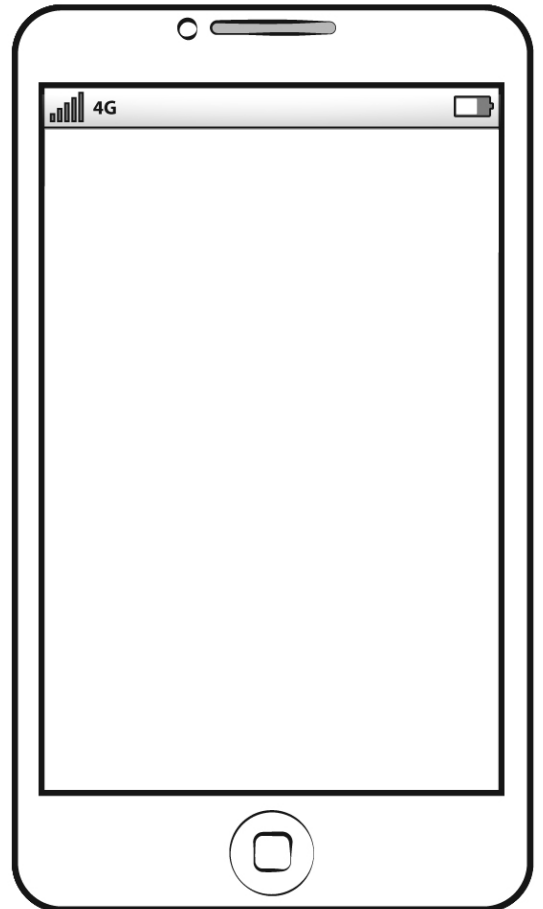
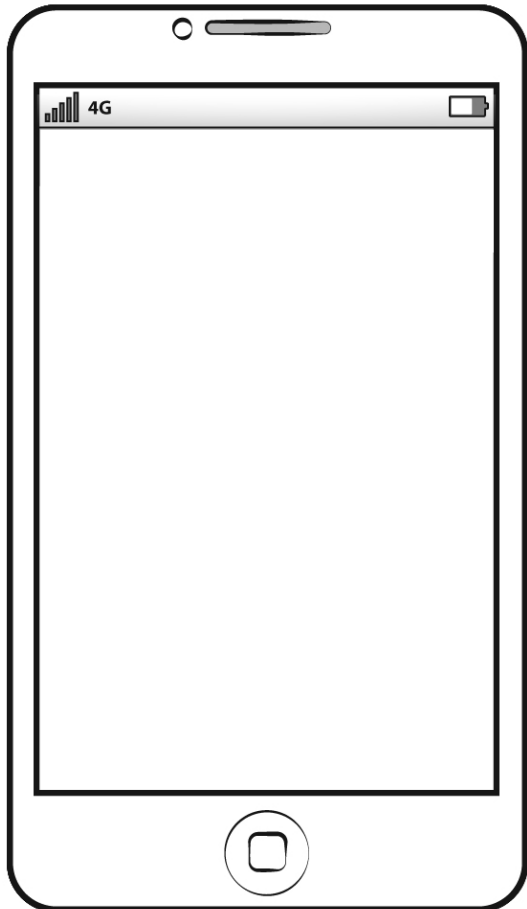
Ready for the biggest challenge of your life? You need to make your own app!

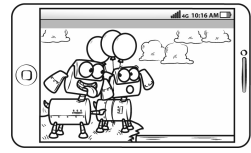
Will this be an educational app or a game app?



Hmm. That sounds cool. But what's special about this new app of yours?

Draw two sample pictures of your app in action.





Name: _____

Robot dog is learning how to spell. Write each word and the balloon will pop.

Dr. Programmer typed:

```
Code1 = "TER"  
Code2 = "IN"  
Code3 = "CO"  
Code4 = "W"  
Code5 = "AT"  
print ("Word is ",Code4, Code2, Code1)
```

The computer replied:

Word is WINTER

```
C1 = "SA"  
C2 = "IN"  
C3 = "D"  
C4 = "O"  
C5 = "UR"  
print ("Word is ",C3,C2,C4,C1,C5)
```

```
C1 = "AD"  
C2 = "LI"  
C3 = "RE"  
C4 = "WE"  
C5 = "AY"  
print ("Word is ",C3,C1)
```

$$7 + 1 - 5 + 1$$

How many hours are there
from 8 a.m. to 7 p.m.?

$$8 + 2 - 6$$

Name: _____

The Teaching Computer

It's Teachers' Day. Dr. Programmer wants to do something special for his teacher.

He is creating an app to give his teacher a surprise. Hope this works!

Robot Teacher's Program

Does This:

```
B = "Miss"  
A = "Good Morning"  
C = "Teacher."  
print (A, B, C)
```

Good Morning Miss
Teacher.

```
B = "you"  
C = "know"  
D = "what?"  
A = "Do"  
print (A, B, C, D)
```

```
D = "Read."  
B = "Helped"  
C = "Me"  
A = "You"  
print (A, B, C, D)
```

```
Q = "Write."  
R = "You"  
U = "Helped"  
V = "Me"  
print (R, U, V, Q)
```

If you know
 $79 + 22 = 101$
Then what is $79 + 21$?

6 more than 646

$7 - 4 + 3 - 3 + 1$

Name: _____

edHelper

M = "being"

T = "teacher."

V = "you"

E = "for"

P = "my"

Q = "Thank"

print (Q, V, E, M, P, T)

$$\begin{array}{r} 458 \\ + \quad 12 \\ \hline \end{array}$$

4, 8, 12, 16, 20, 24, 28,
_____, 36

Write this number:
6 ones, 5 tens

$$\begin{array}{r} 66 \\ + \quad 8 \\ \hline \end{array}$$

3 less than 673

Fill in the missing
addition or subtraction
operations.

9 ____ 3 ____ 6 ____ 4 = 2

Write this number:
8 thousands, 7 ones, 3 tens,
4 hundreds

double 40

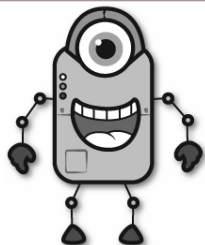
If you know
 $78 + 13 = 91$
Then what is $78 + 11$?

Write this number:
5 tens, 4 thousands

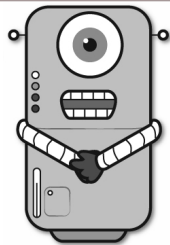
5 more than 375

37, _____, 75, 94, 113,
132

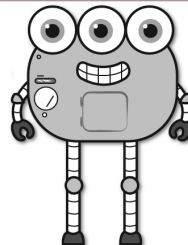
Name: _____



Emma



Gavin



Amanda

Facts

Emma is nine years old.

Amanda is thirty-two years older than Emma.

Gavin is sixty-three years older than Emma.

How old is Emma? _____

How old is Gavin? _____

How old is Amanda? _____

$$33 + 4 = \underline{\hspace{2cm}}$$



d o h o r b o i l s s f f h
i w h i s k e r s s b m a h
b w f c b u m p o d i m m u
n o b o d y u m d i u l i l
m n y t r d y t u r o m l a
n q b i l d i a n t t s y b
o z a g y i f o o l i s h i
k i i e d i n o s a u r f m
m l l r b i d r p l u m i i

Word Bank

bail	whiskers	tiger	foolish
boil	plum	dirt	bid
dinosaur	nobody	bump	family

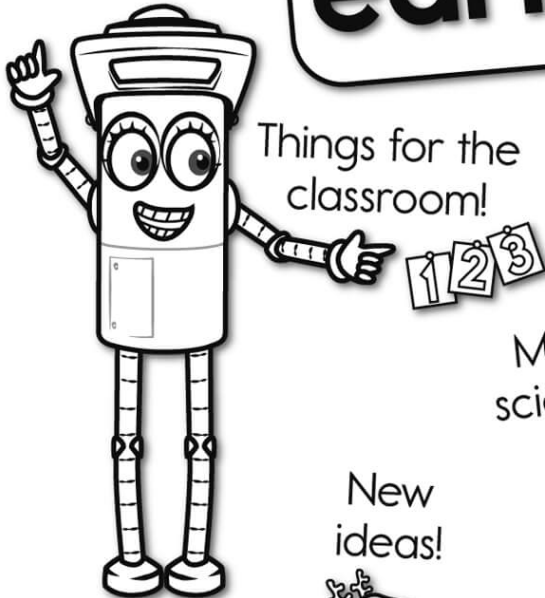


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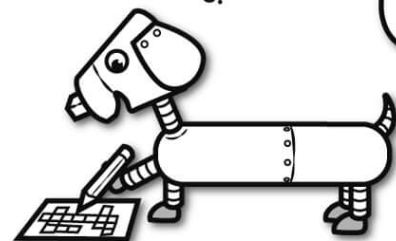
Things for the
classroom!



More
science!



More
puzzles!



More
history!

