

# CODING

## Book #4



### And some math...

Circle all the ways to make 8.

7 + 1    2 + 6    7 + 3  
3 + 5    4 + 4    1 + 5  
8 + 2    4 + 6    8 + 1

Circle the fourth number.

7, 7, B, D, 4, A, R, 9, 5, F,  
X, 8, Z, 1, Z, 5, D, 6

How many dots on the bug?



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

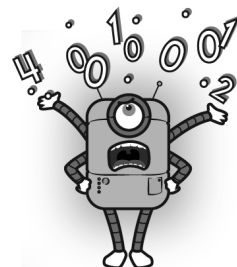
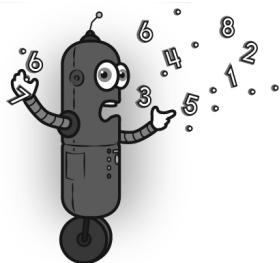
$10 + 1 = \underline{\quad}$

Circle the third letter.

F, 9, 1, 8, A, X, B, D, R, 2,  
6, 1, 9, 4, Z, 4, D, Z

14, 16, 18, 20, \_\_\_\_\_, 24

### for good measure!



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

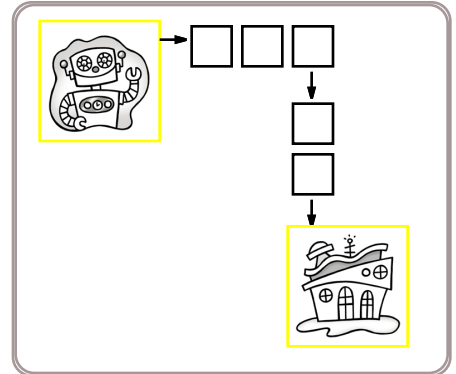
**go\_down ( how many squares )** The robot will go down this many squares.

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

### Secret map:

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

### Draw the map:

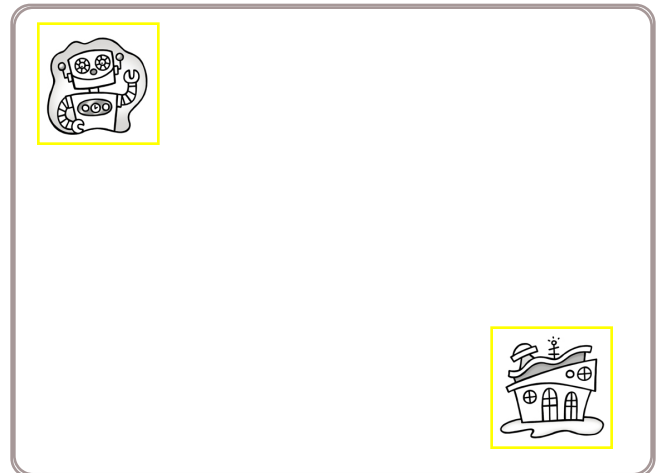


Robot moved 5 squares.

### Secret map:

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

### Draw the map:



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

17, \_\_\_\_, \_\_\_\_, 20, \_\_\_\_, 22

Which number should  
replace the second  
blank?

$$\begin{array}{r} 13 \\ + \quad 1 \\ \hline \end{array}$$

$$41 + 341 = 382$$

Using the commutative  
property of addition, what  
do you think  $341 + 41$  is?

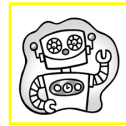
Name: \_\_\_\_\_

**Secret map:**

```

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

```

**Draw the map:**

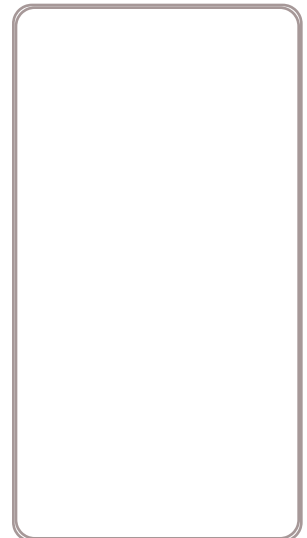
Robot moved \_\_\_\_ squares.

**Secret map:**

```

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

```

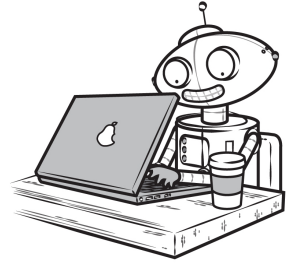
**Draw the map:**

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

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

**Will it snow?**

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:**

```
Centimeters_Of_Snow = 3

if ( Centimeters_Of_Snow <= 2)
  print ("School is open");
else if ( Centimeters_Of_Snow <= 4):
  print ("Two hour delay");
else:
  print ("School is closed");
```

**The computer replied:**

Two hour  
delay

```
SnowA = 1
SnowB = 2
Centimeters_Of_Snow = SnowA + SnowB

if ( Centimeters_Of_Snow <= 2)
  print ("School is open");
else if ( Centimeters_Of_Snow <= 4):
  print ("Two hour delay");
else:
  print ("School is closed");
```

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

$7 + 5 = \underline{\hspace{2cm}}$

☐ 12    ☐ 6    ☐ 2

six

☐ 6    ☐ 0    ☐ 1

$10 - 2 = \underline{\hspace{2cm}}$

☐ 8    ☐ 11    ☐ 18

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

```
def School_Message(Centimeters_Of_Snow):
```

```
    if ( Centimeters_Of_Snow <= 2)
        print ("School is open");
    else if ( Centimeters_Of_Snow <= 4):
        print ("Two hour delay");
    else:
        print ("School is closed");
```

```
Centimeters_Of_Snow = 9
School_Message(Centimeters_Of_Snow);
```

```
_____
```

```
_____
```

```
Centimeters_Of_Snow = 8
School_Message(Centimeters_Of_Snow);
```

```
_____
```

```
_____
```

```
Centimeters_Of_Snow = 7
School_Message(Centimeters_Of_Snow);
```

```
SnowA = 1
SnowB = 3
Centimeters_Of_Snow = SnowA + SnowB
School_Message(Centimeters_Of_Snow);
```

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

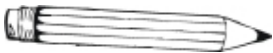
## Dr. Programmer is Counting Pens



**print** This is the computer's pencil. It will be used to write something.

Dr. Programmer typed:

```
red_pens = 7
green_pens = 3
```



```
print("There are ",red_pens," red pens.")
```

The computer replied:

There are 7 red pens.

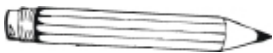
```
red_pens = 9
green_pens = 3
pens = red_pens+green_pens
```



```
print("There is a total of ",pens," pens.")
```

There is a total of 12 pens.

```
red_pens = 9
green_pens = 5
```



```
print("There are ",green_pens," green pens.")
```

\_\_\_\_\_

\_\_\_\_\_

```
red_pens = 7
green_pens = 4
pens = red_pens+green_pens
```



```
print("There is a total of ",pens," pens.")
```

\_\_\_\_\_

\_\_\_\_\_

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

```
blue_pens = 8
pink_pens = 3
orange_pens = 3
```



```
print("We have ",pink_pens," pink pens.")
```

\_\_\_\_\_

\_\_\_\_\_

```
blue_pens = 9
pink_pens = 4
orange_pens = 4
```



```
print("We have ",blue_pens," blue pens.")
```

\_\_\_\_\_

\_\_\_\_\_

Read. When you read a number, write it.

**10**

Robert has ten cars.

Ten days from now is Halloween.

Wendy is six years old.

I played violin for two minutes.

 $2 + 0 = \underline{\hspace{2cm}}$ ☐ 7☐ 9☐ 2

two

☐ 9☐ 8☐ 2

7 is more than

☐ 7☐ 8☐ 6**BIG**

I W X B I I H G G F I N T B B J B I G

**OFF**

S O E F F F F P O V U L Y K F O F F H

**BLUE**

B L U E O W E R L U L J B L U Y E T B

**CHOP**

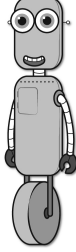
A Q M C H O P O I H C H E P O Z P W R

**TOMORROW**

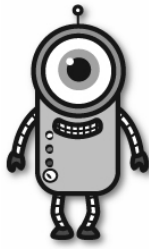
O T O M O R R O W O T O M M O R R O W

word root **tract** can mean **to draw or pull or draw****contract, extraction, retract**

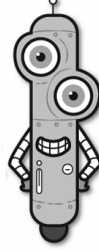
Name: \_\_\_\_\_



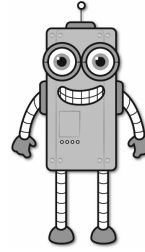
Megan



David



Amy



Adam

30	•	4	•	35	•	60
----	---	---	---	----	---	----

**Facts**

David is fifty-six years older than Megan.

Adam is five years older than Amy.

Megan is four years old.

Amy is twenty-six years older than Megan.

How old is Megan? \_\_\_\_\_

How old is David? \_\_\_\_\_

How old is Amy? \_\_\_\_\_

How old is Adam? \_\_\_\_\_

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

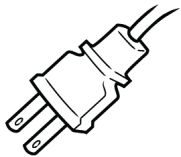
☐ 9      ☐ 6      ☐ 10

☐ 11      ☐ 1      ☐ 5
What is the difference  
for  $8 - 3$ ?
☐ 0      ☐ 5      ☐ 4      ☐ 7

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

☐ 14      ☐ 0      ☐ 12

Circle the word for the picture.



whistle

plug

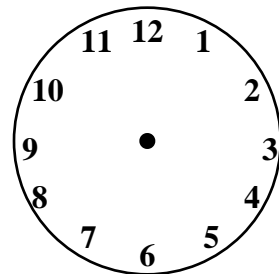
beak

jump

girl

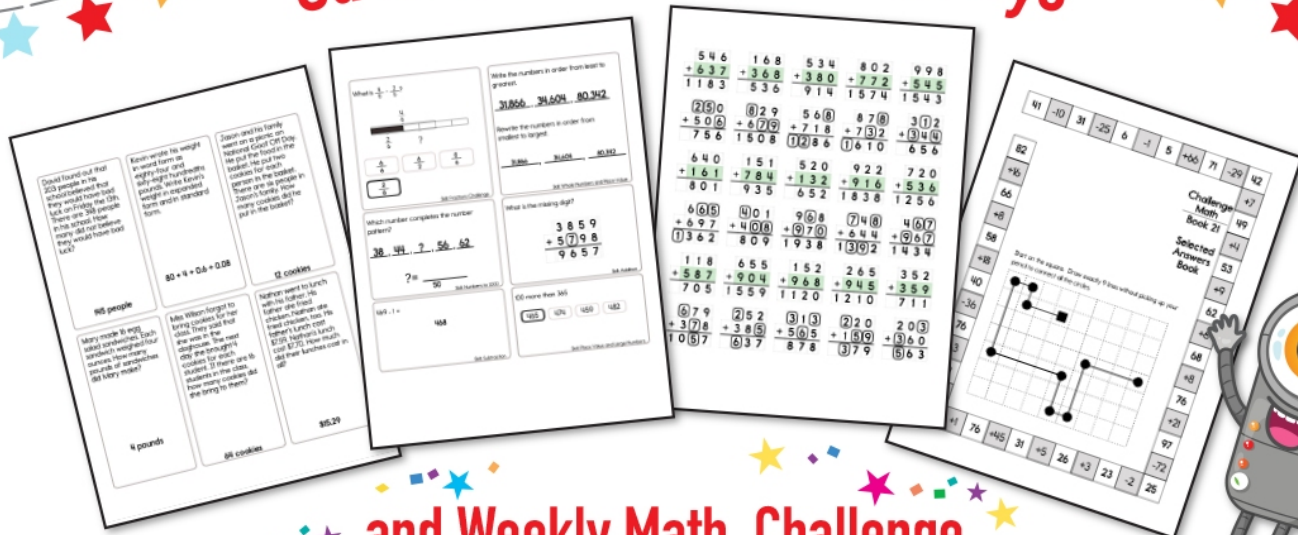
ship

Show 9 o'clock.

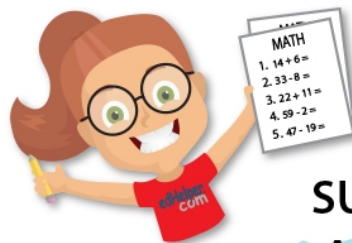




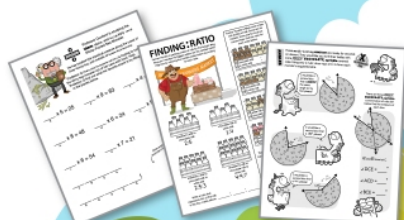
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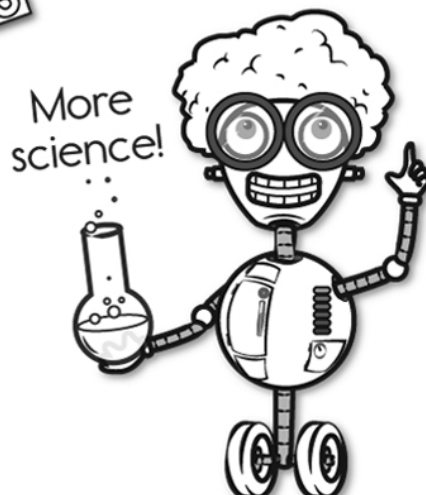
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