

CODING

Book #4



And some math...

How many?



Circle the fourth letter.

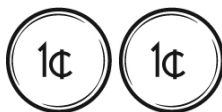
7, Z, B, 3, 8, F, X, 2, 3, D,
R, 2, A, 8, 2, R, F, 6, 2

What is ten less than 75?

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

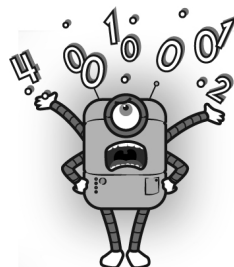
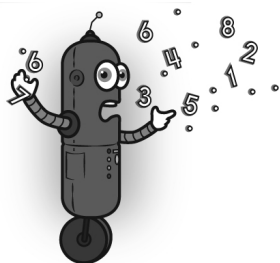
$$10 + 2 = \underline{\quad}$$

How much is this?



10, 12, 14, 16, 18, _____, 22

for good measure!



Name: _____

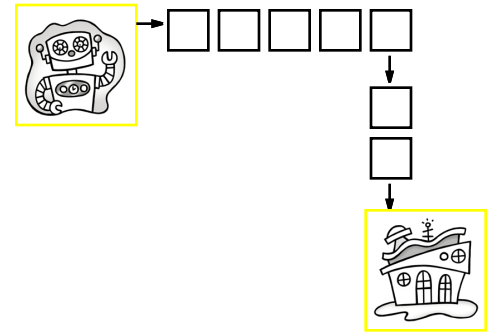
go_down (how many squares) The robot will go down this many squares.

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

Secret map:

```
print robot()
go right ( 5 )
go down ( 2 )
print robot home()
```

Draw the map:

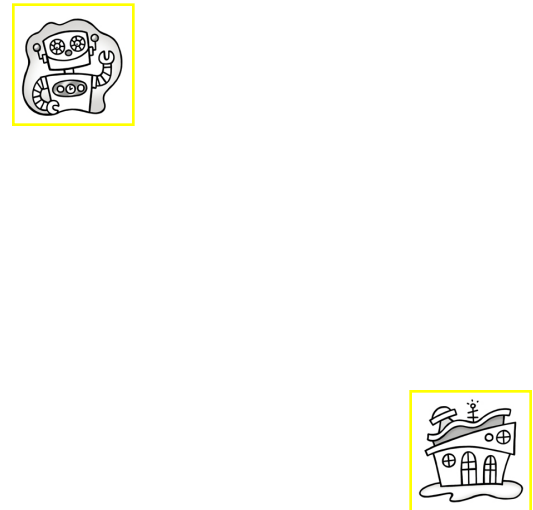


Robot moved 7 squares.

Secret map:

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

Draw the map:



Robot moved ____ squares.

$$11 = 1 + 10$$

96, _____, _____, _____,
_____, _____, 102

Which number should

$$22 - \underline{\quad} = 19$$

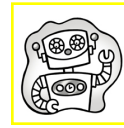
Name: _____

Secret map:

```

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

```

Draw the map:

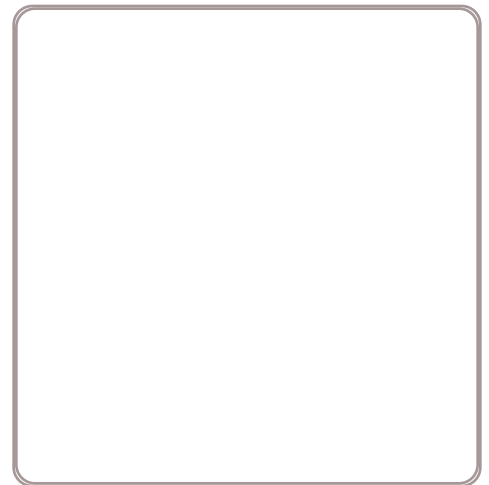
Robot moved ____ squares.

Secret map:

```

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

```

Draw the map:

Robot moved ____ squares.

What is ten more than 66?

38, ____, 40, ____, ____,
____, 44

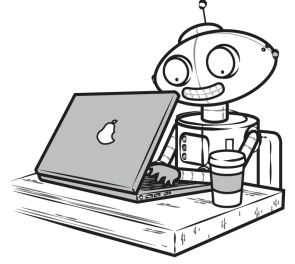
Which number should

B, D, F, H, J, L, N, P,

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 = 5

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:

S c h o o l i s
c l o s e d

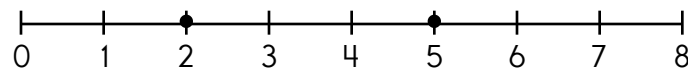
```
SnowA = 3
SnowB = 2
Centimeters_Of_Snow = SnowA + SnowB

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


What is the difference
for 5 - 2?

☐ 3 ☐ 7 ☐ 5 ☐ 0

one



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

word root **struct** can mean **build**

construct, infrastructure, reconstruction

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 = 2
School_Message(Centimeters_Of_Snow);
```

```
_____
```

```
_____
```

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

```
_____
```

```
_____
```

```
Centimeters_Of_Snow = 4
School_Message(Centimeters_Of_Snow);
```

```
SnowA = 1
SnowB = 2
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 = 8
green_pens = 4
```



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

The computer replied:

There are 8 red pens.

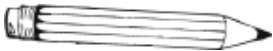
```
red_pens = 6
green_pens = 5
pens = red_pens+green_pens
```



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

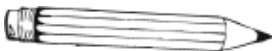
There is a total of 11 pens.

```
red_pens = 6
green_pens = 4
```



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

```
red_pens = 6
green_pens = 3
pens = red_pens+green_pens
```



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

Name: _____

```
blue_pens = 6
pink_pens = 3
orange_pens = 5
```



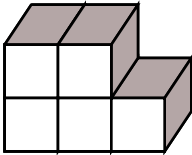

```
print("We have ",pink_pens," pink pens.")
```

```
blue_pens = 9
pink_pens = 3
orange_pens = 3
```



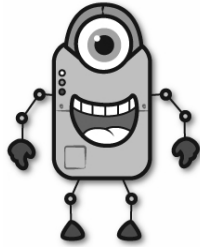
```
print("We have ",blue_pens," blue pens.")
```

Circle the greater number.	Circle how you know.	Fill in the numbers.
46 40	tens ones	_____ is greater than _____. _____ > _____

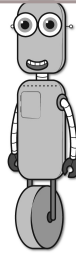
How many blocks? 	Circle the word for the picture. 
_____	king tell cane plug cube rock

12 - 8 = _____ ○ 16 ○ 6 ○ 4	Write the missing sign. 10 ____ 3 = 13
--	---

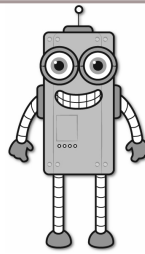
Name: _____



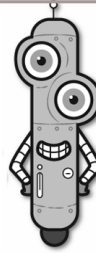
Jessica



Hunter



Peter



Amanda

24	•	5	•	47	•	64
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Facts

Jessica is five years old.

Hunter is nineteen years older than Jessica.

Amanda is seventeen years older than Peter.

Peter is twenty-three years older than Hunter.

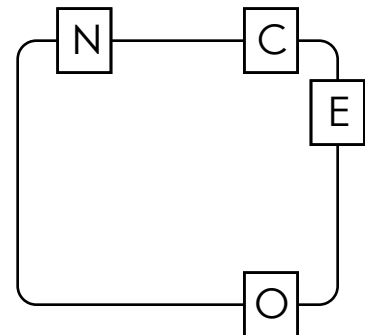
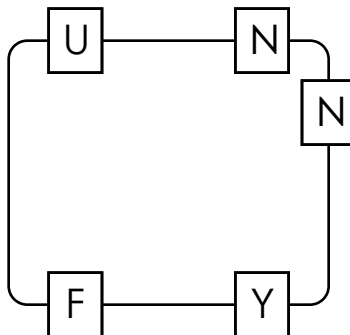
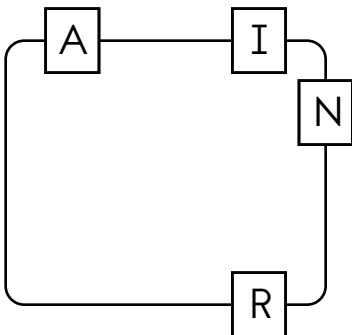
How old is Jessica? _____

How old is Hunter? _____

How old is Peter? _____

How old is Amanda? _____

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.



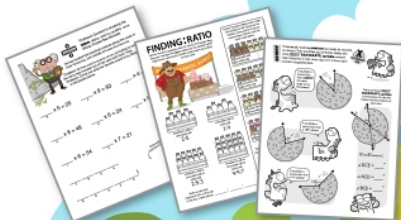
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