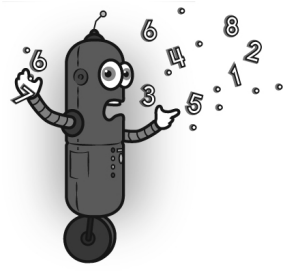
CODING
Book #4

And some math...

Round 61,469 to the nearest hundred.	65, _____, 91, 104, 117, 130	How much time is it from 8:00 a.m. to 11:55 a.m.?
8, 10, 12, _____, 16, 18, 20, 22	63 divided by 7 equals	How many centimeters in 870.6 meters?

for good measure!



Name: _____

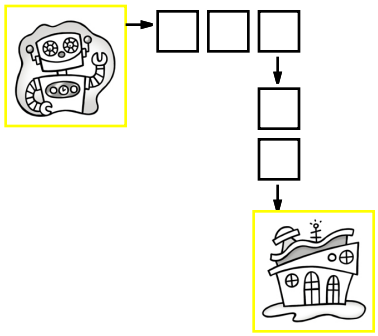
go_down (how many squares) The robot will go down this many squares.

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:



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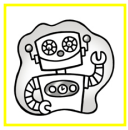


$6 + 50 \div 5 - 18 \div 3 =$

If $v = 7$ and $m = -54$ then what is the value of z?
$10v - 14m - 3m = z$

$16.3696 \times 10^{4} =$

$0.1\ (0.8\ (0.1 \times 5)) =$

$|-8| + b = 1$

$b =$

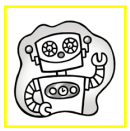
What is the remainder of 27 divided by 7?

Name: _____

Secret map:

print_robot()
go_right (2)
go_down (1)
go_right (2)
go_down (2)
print_robot_home()

Draw the map:



Secret map:

print_robot()
go_down (1)
go_right (2)
go_down (2)
print_robot_home()

Draw the map:

Multiply 570 and 9.

$$\begin{array}{r} 123 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2{,}988 \\ \times \quad 4 \\ \hline \end{array}$$

Name: _____

If Q is odd
and X is odd,
then
Q + X is

If A = B

and B = C,

then

A ___ C.

X = 28
X = X + 2
print (X)
What is printed?

If Q is even
and X is even,
then
Q - X is

If A > B

and B = C,

then

A ___ C.

If A is divisible by 3,

then A is a

_____ of 3.

If Q is even
and X is even,
then
Q + X is

If A is divisible by 3,

then A is a

_____ of 3.

X = 22
X = X + 3
print (X)
What is printed?

Use >, <, or = to

complete.

If D is less than E, then

E _____ D

```
A = 12
B = 14
C = 14
if (A <= B)
   print(C);
else
   print(A)
```

What is printed?

Hint * is multiplication.

and / is division.

A = 13

B = 7

C = A * B

C / A = ___

If Q is odd
and X is odd,
then
Q - X is

If Q is even
and X is even,
then
Q - X is

If A is divisible by 3,

then A is a

_____ of 3.

Name: _____

Dr. Programmer typed:	The computer replied:
print ("I am Nathan.")	I am Nathan.

```
AGIRL="Jessica"
ABOY="Alex"
print ("John sits with ",AGIRL," and ",
       ABOY,".")
```

John sits with Jessica and Alex .

```
AGIRL="Jessica"
ABOY="Alex"
print ("I sit with ",AGIRL," and ",
       ABOY," at the first table.")
```

_ ____ _____

_____ ____ _____

__ ____ _____

_____

```
print ("Amanda sits with
       Robert and April.")
```

A_____ _____ _i__

____e__ a__ A_____.

10 - 2 + 7 + 7

The perimeter of a rectangle is 16 cm. The longer side is 6 cm. How long is the shorter side?

How much money is 1 quarter, 8 dimes, 1 nickel, and 1 penny?

Name: _____

Dr. Programmer typed:

```
Team1=3
Team2=5
print ("Who won the soccer game?")
if Team1 > Team2
   print ("Team1 did")
if Team2 > Team1
   print ("Team2 did")
```

The computer replied:

Who won the soccer game?
Team2 did

```
Won_By = Team2 - Team1
if Won_By == 1
   print ("They won by 1 goal.")
if Won_By > 1
   print ("They won by ",Won_By," goals.")
```

_____ w___ ___ 2 g_____.

```
left_at = "kitchen";
print ("Where is my phone?")
if (left_at == "kitchen")
    print ("Maybe by the refrigerator?")
if (left_at == "car")
    print ("It is still in the car!")
```

_____ ___ ___

_____

_____ ___ ____

_____

```
Today_Is = "Tuesday"

if (Today_Is == "Monday")
   print ("soccer skills practice")
if (Today_Is == "Tuesday")
   print ("volleyball practice")
if (Today_Is == "Wednesday")
   print ("playdate?")
```

word root **post** can mean **after** **postscript**

Name: _____

Dr. Programmer knows how to program with his computer. He uses the STAR key, which is *. On a computer you have to press Shift and 8 at the same time to type that. How confusing!

5 times 2 is written 5 * 2 on his computer.

Dr. Programmer typed:	The computer replied:
print (4 * 9)	3 6
print (2 * 6)	__ __
print (10 + 2)	__ __
print (5 * 2)	
print (26 + 39)	__ __
print (80 - 61)	__ __
print (11 * 12)	

Write the ratio as a fraction in lowest terms.
9 to 32

Change to a percent.

$\frac{47}{100}$

Find 42% of 178.

50 ÷ 10 =

How many ounces are in 9 pounds?

_____ ounces

32 ÷ 8 = _____

Name: _____

William, Destiny, Andrew, Cameron, Sydney, Joseph, and Megan each picked a number from twenty to ninety-nine. One has a number of fifty-four, one has a number of seventy-six, one has a number of forty-eight, one has a number of fifty-six, one has a number of forty-one, one has a number of eighty-one, and one has a number of thirty-seven.

Figure out what each person's number is.

1. The number that William picked is between 68 and 84.
2. Cameron's favorite number is not seventy-six.
3. Destiny's number comes before one hundred forty-two and after twenty.
4. The number whose tens digit is five and whose ones digit is four is Andrew's number.
5. William's favorite number is not eighty-one.
6. Joseph's number comes before forty-four and after thirty-eight.
7. Destiny's number comes before ninety-six and after sixty-six.
8. The number whose ones digit is six and whose tens digit is five is Sydney's number.
9. Megan's number comes before forty and after thirty-four.

William picked the number _____.

Destiny picked the number _____.

Andrew picked the number _____.

Cameron picked the number _____.

Sydney picked the number _____.

Joseph picked the number _____.

Megan picked the number _____.

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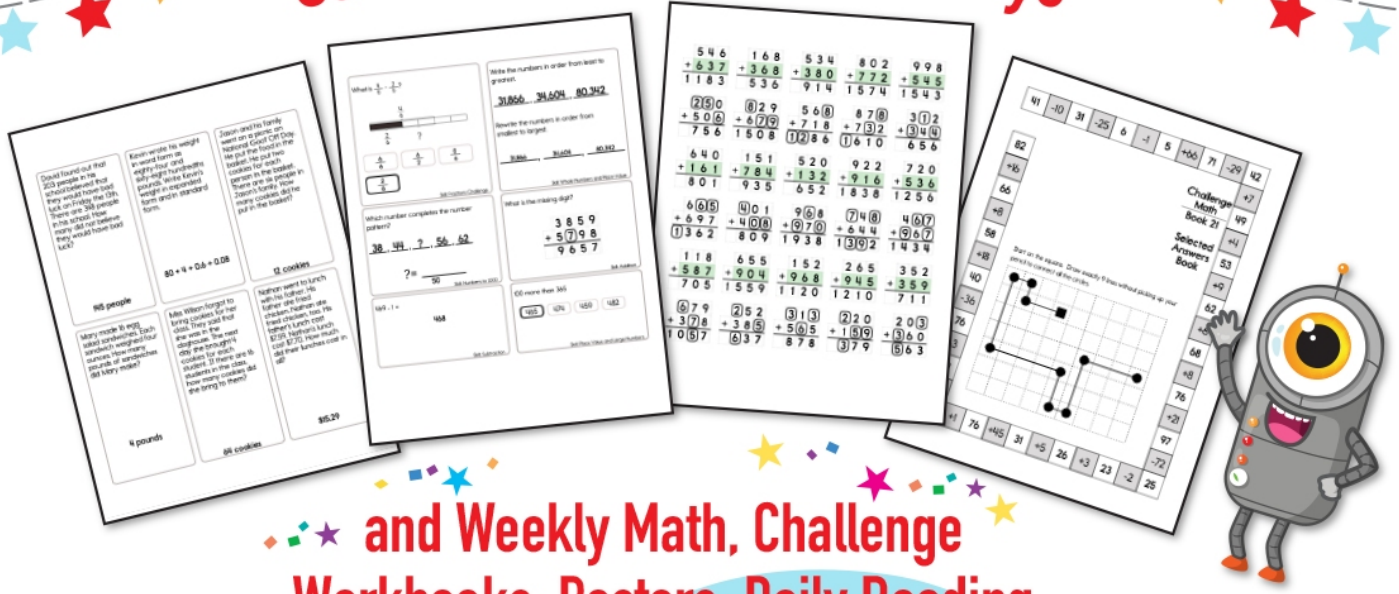

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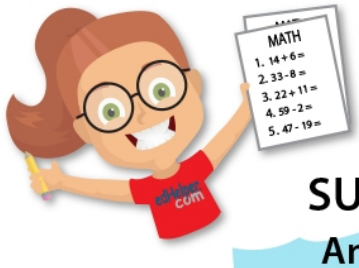

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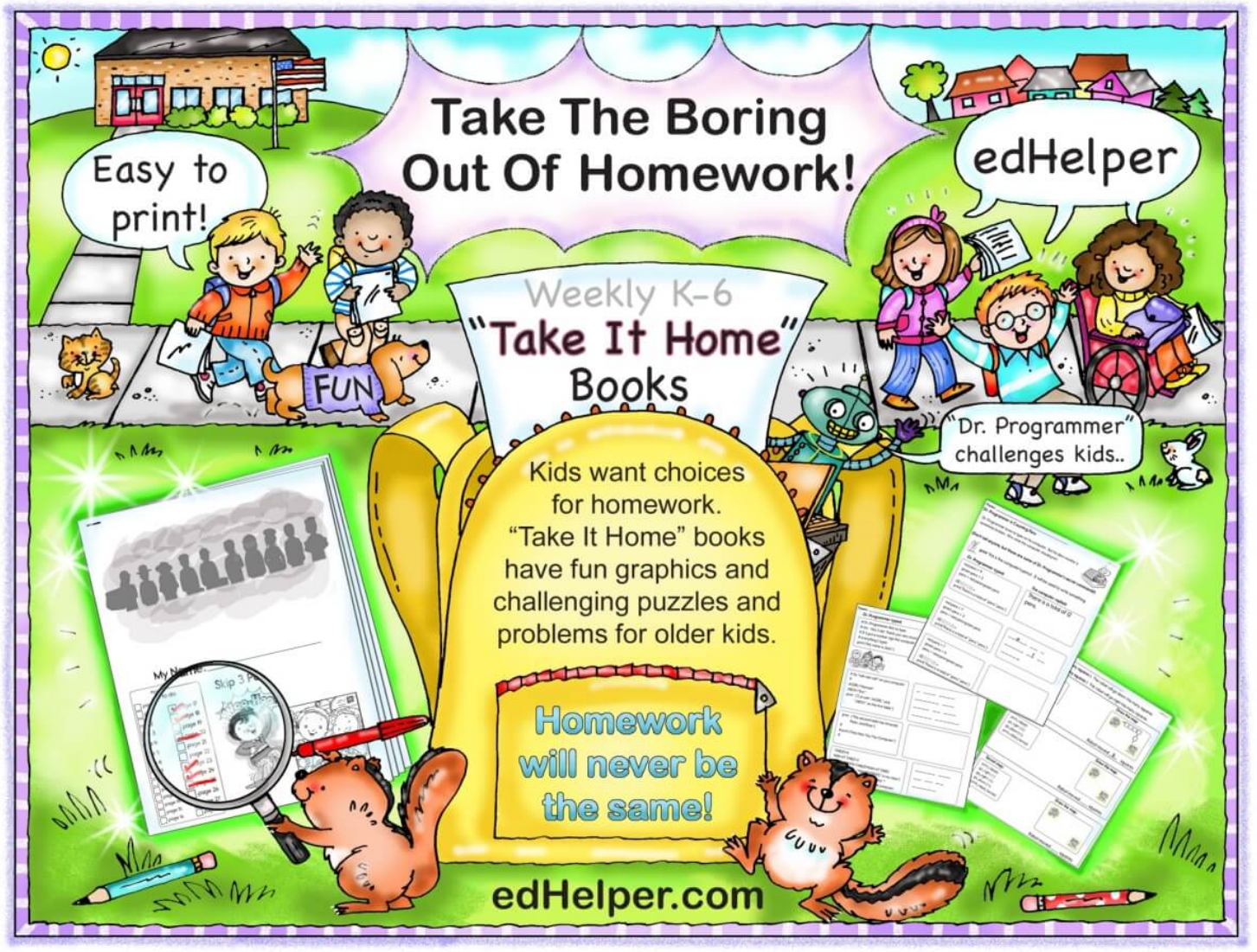
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