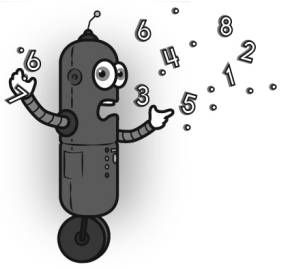
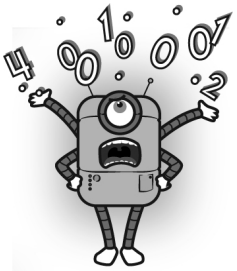
CODING
Book #4

And some math...

Jenna has $41. She wants to buy something that costs $95. How much more does she need?	8 x 12 x 11 + 1	Double the number 8 three times.
Erin bought six candy bars. It cost $3.78. How much did each candy bar cost?	Which number has exactly 9 thousands?	How many tens are in the number 5,600?

for good measure!





Name: _____

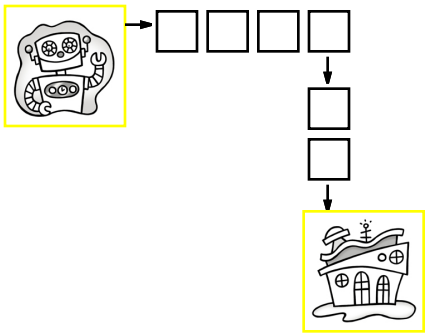
go_down (how many squares) The robot will go down this many squares.

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()
```

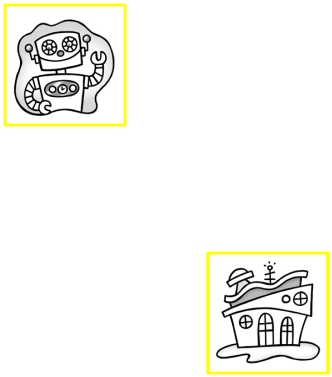
Draw the map:



Secret map:

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

Draw the map:



$$2\frac{7}{8} - \frac{1}{3}$$

Change $\frac{55}{35}$ to a mixed number.

$$7 - 1\frac{4}{12}$$

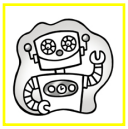
word root **ver** can mean **true** **verdict, verbatim**

Name: _____

Secret map:

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

Draw the map:



Secret map:

print_robot()
go_right (3)
go_right (3)
go_down (2)
go_down (1)
print_robot_home()

Draw the map:

$7\frac{2}{6} + 8\frac{3}{6}$

Estimate quickly the difference.
6,550 - 2,080

132 divided by 12 equals

Name: _____

Dr. Programmer typed:	The computer replied:
print ("I am Lucas.")	I am Lucas.
AGIRL="Wendy" ABOY="Alex" print ("John sits with ",AGIRL," and ", ABOY,".")	John sits with Wendy and Alex .
AGIRL="Wendy" ABOY="Alex" print ("I sit with ",AGIRL," and ", ABOY," at the first table.")	_ ____ _____ _____ ____ _____ __ ____ _____ _____

print ("Maria sits with Nathan and Emily.")	M___a _____ _____ _____ ____ _____.

At 3 p.m. today, Megan will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?	A book has 6 pages. Each page has 12 dimes. How many dimes in the book?	What number is halfway between 56 and 60?

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.")
```

__e_ ____ __ _
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 **gon** can mean **angle** **pentagon, hexagon**

Name: _____

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 > B

and B = C,

then

A ___ C.

Hint * is multiplication.

and / is division.

A = 13

B = 7

C = A * B

C / A = ___

Use >, <, or = to

complete.

If X is 9 more than Y,

and Y is less than Z then

Y _____ X

Use >, <, or = to

complete.

If D is less than E, then

E _____ D

If A is divisible by 12,

then A is a

_____ of 12.

If A = B

and B = C,

then

A ___ C.

```
X = 30
X = X + 3
print ( X )
```
What is printed?

Use >, <, or = to

complete.

If X is 8 more than Y,

and Y is greater than Z

then

X _____ Z

```
A = 11
B = 15
C = 15
if (A >= B)
  print(C);
else
  print(A)
```

What is printed?

```
A = 32
B = 64
if ( A > B ):
  print("A rules")
else:
  print("Go B!")
```

What is printed?

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 (3 * 11)	33
print (10 * 3)	__
print (12 + 11)	__
print (5 * 10)	
print (41 + 44)	__
print (99 - 52)	__
print (6 * 3)	

33, 39, 48, 60, 75, 93, 114, 138, _____, 195

At 1 p.m. today, Holly will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

Amanda has 40 books. She organized them equally into 4 boxes. How many books in each box?

25 lb = _____ oz

Choose the word that best completes the sentence.

(They're/Their) going to meet us at tutoring after school.

Name: _____

Joseph, Alexander, Ethan, and David each started a sticker collection in April. Each one of them collected a different number of stickers in April and May. During the first month, they collected 27, 28, 19, and 18 stickers. During the second month, they collected 51, 49, 47, and 53 stickers.

Figure out how many stickers each person collected in April and May.

1. Alexander and Ethan both were not the ones who collected eighteen stickers in April.
2. Alexander has a total of seventy-two stickers.
3. Joseph collected twenty-one more stickers in May than in April.
4. If Ethan did not collect stickers in April then Ethan would only have 47 stickers.

Joseph collected _____ stickers in April and _____ stickers in May.

Alexander collected _____ stickers in April and _____ stickers in May.

Ethan collected _____ stickers in April and _____ stickers in May.

David collected _____ stickers in April and _____ stickers in May.

Use >, <, or = to complete.

8.4 __ 8.16

369 __ 371.49

227 __ 229.5

4.5 __ 4.50

309 __ 307.5

23.44 __ 23.3

24.480 __ 24.48

Write as a decimal.
Sixteen and two hundredths

Write the decimal in words.
0.6

word root **com** can mean **with or together** **commemorate, commotion, composition**

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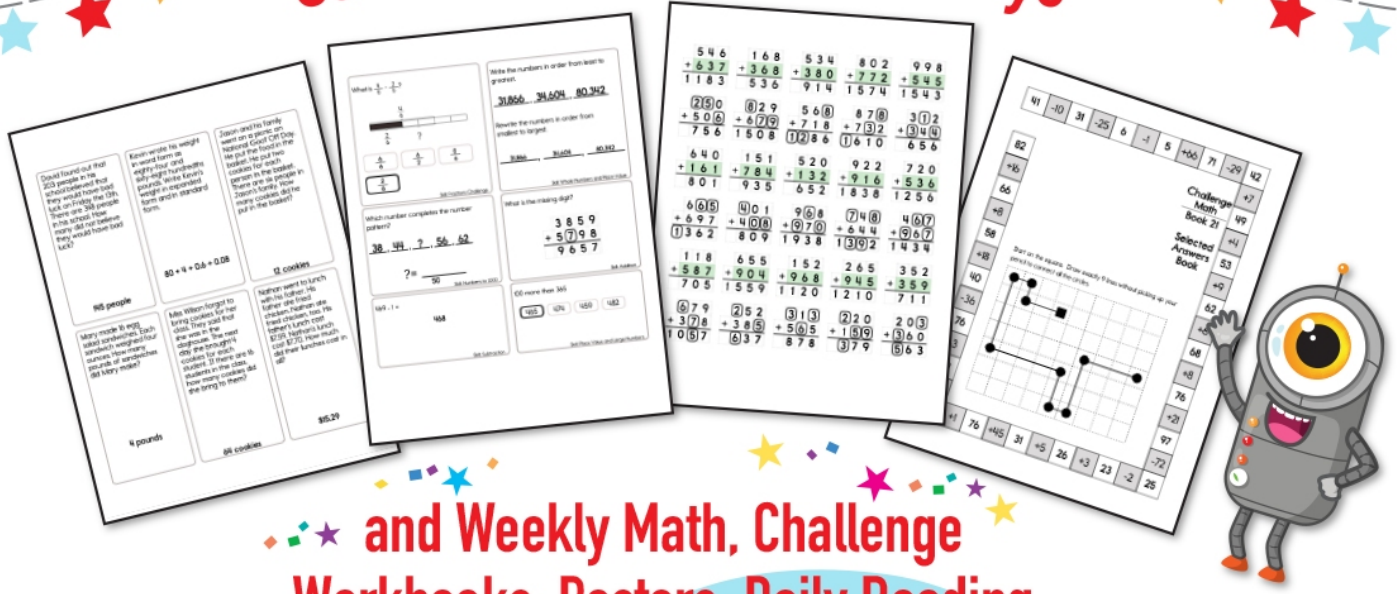

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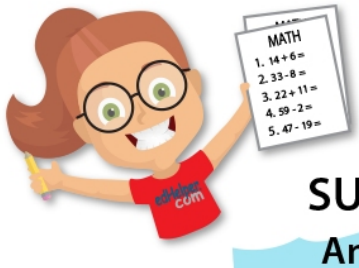

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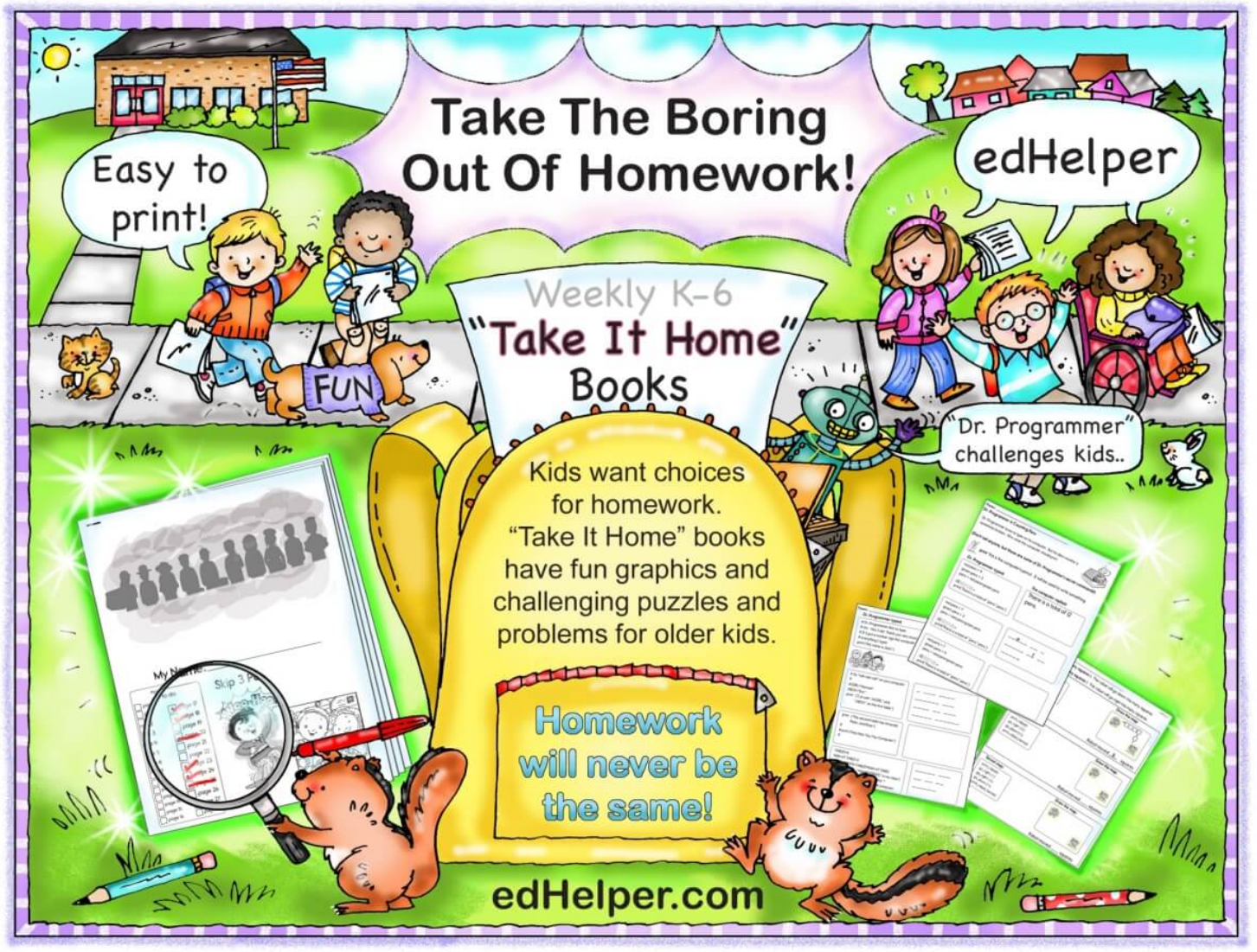
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