CODING
Book #2

And some math...

$$\begin{array}{r} 17 \\ +\ 10 \\ \hline \end{array}$$

7 - 2 = ___

2 + ___ = 7

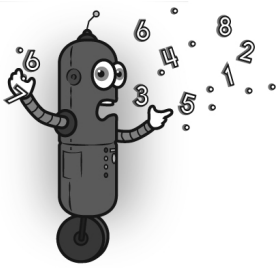
$$\begin{array}{r} 8 \\ -\ 7 \\ \hline \end{array}$$

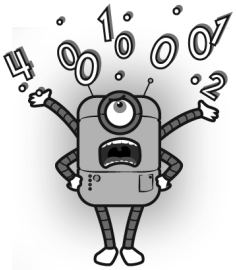
How many?

How much is this?

How many?

for good measure!





Name: _____

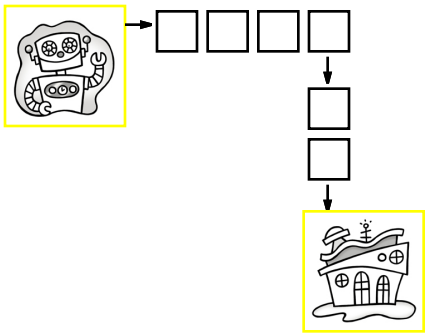
go_down (how many squares) The robot will go down this many squares.

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:

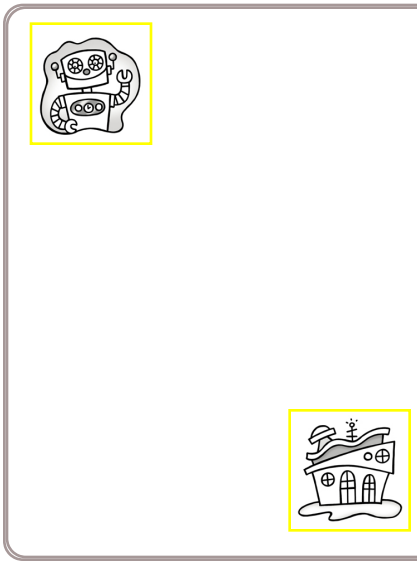


Robot moved 6 squares.

Secret map:

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

Draw the map:



Robot moved ____ squares.

Write the numbers.

nine ____

eighteen____

$$\begin{array}{r} 6 \\ +\ 4 \\ \hline \end{array}$$

56, 57, 58, ____, ____,

____, 62, 63, ____, ____,

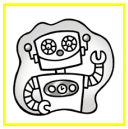
____

Name: _____

Secret map:

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

Draw the map:



Robot moved _____ squares.

Secret map:

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

Draw the map:

Robot moved _____ squares.

word root **retro** can mean **backward** **retrofit, retroactive**

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?

_____

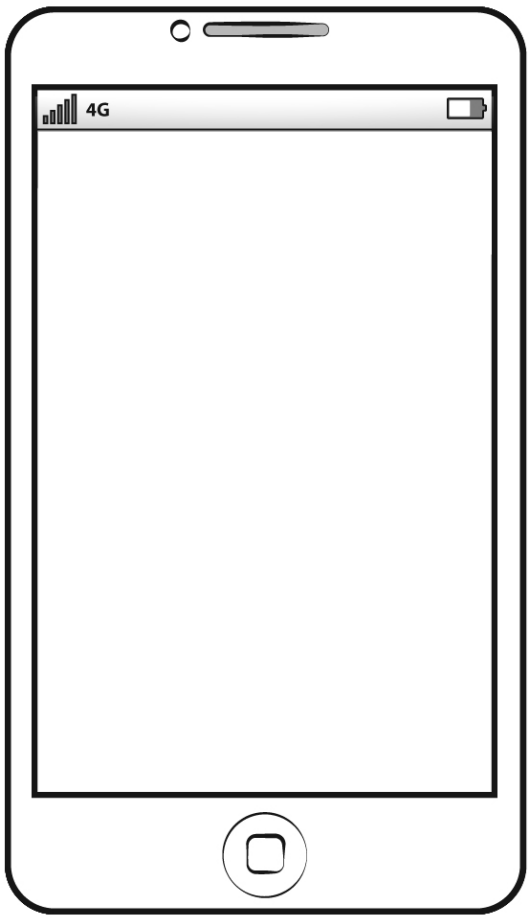
Hmm. That sounds cool. But what's special about this new app of yours?

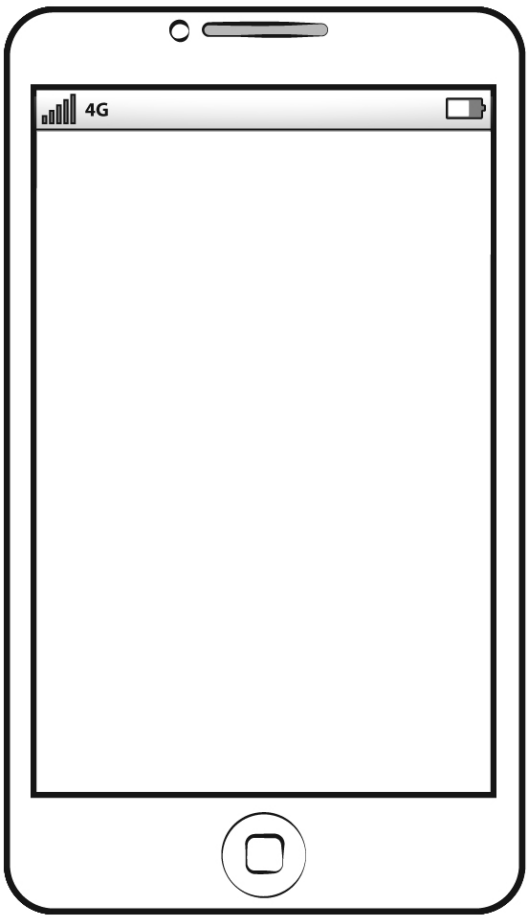
_____

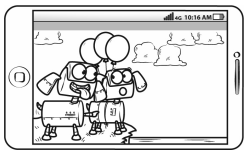
_____

_____

Draw two sample pictures of your app in action.







edHelper

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)
```

400+10+3

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)	

Circle the sixth letter.

C H N P Y M Q V

800+70+9

84 - 4 = _____

Name: _____

M = "being"
T = "teacher."
V = "you"
E = "for"
P = "my"
Q = "Thank"
print (Q, V, E, M, P, T)

Jason has 5 red candles. Robert has 2 white candles. Jenna has 3 green candles. How many candles in all do they have?

Ms. Thompson has thirty lollipops. She gave fifteen to her students. How many lollipops does she have left?

Write the missing vowel.

koal___

d___wn

smok___

$$\begin{array}{r} 96 \\ -\ 66 \\ \hline \end{array}$$

Write + or - in the circles.

12 ◯ 8 = 2 ◯ 2

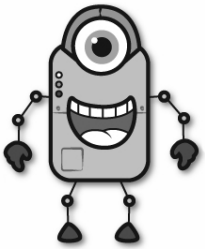
9 ◯ 19 = 16 ◯ 12

It is your turn. Write X to make your move.

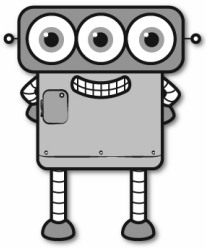
O	X	O
O	X	

100 less than 519

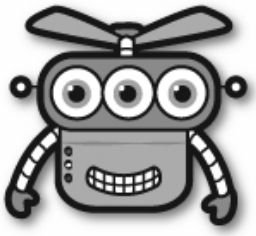
Name: _____



Erin



Nathan



Eric

44 • 4 • 20

Facts

Eric is sixteen years older than Erin.

Erin is four years old.

Nathan is forty years older than Erin.

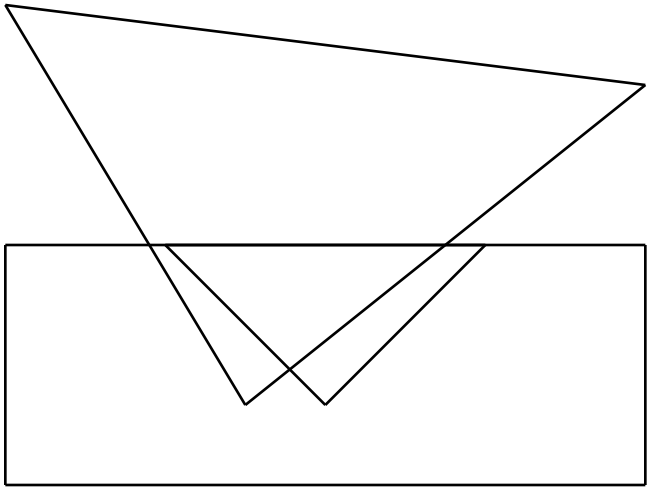
How old is Erin? _____

How old is Nathan? _____

How old is Eric? _____

$$\begin{array}{r} 52 \\ +\ 41 \\ \hline \end{array}$$

How many triangles can you find?
Color the smallest triangle you can find red.
Color the largest triangle you can find yellow.
(Hint: Look for small and big triangles.)



_____ triangles

$$\begin{array}{r} 53 \\ +\ 22 \\ \hline \end{array}$$

word root **hemi** can mean **half** **hemisphere**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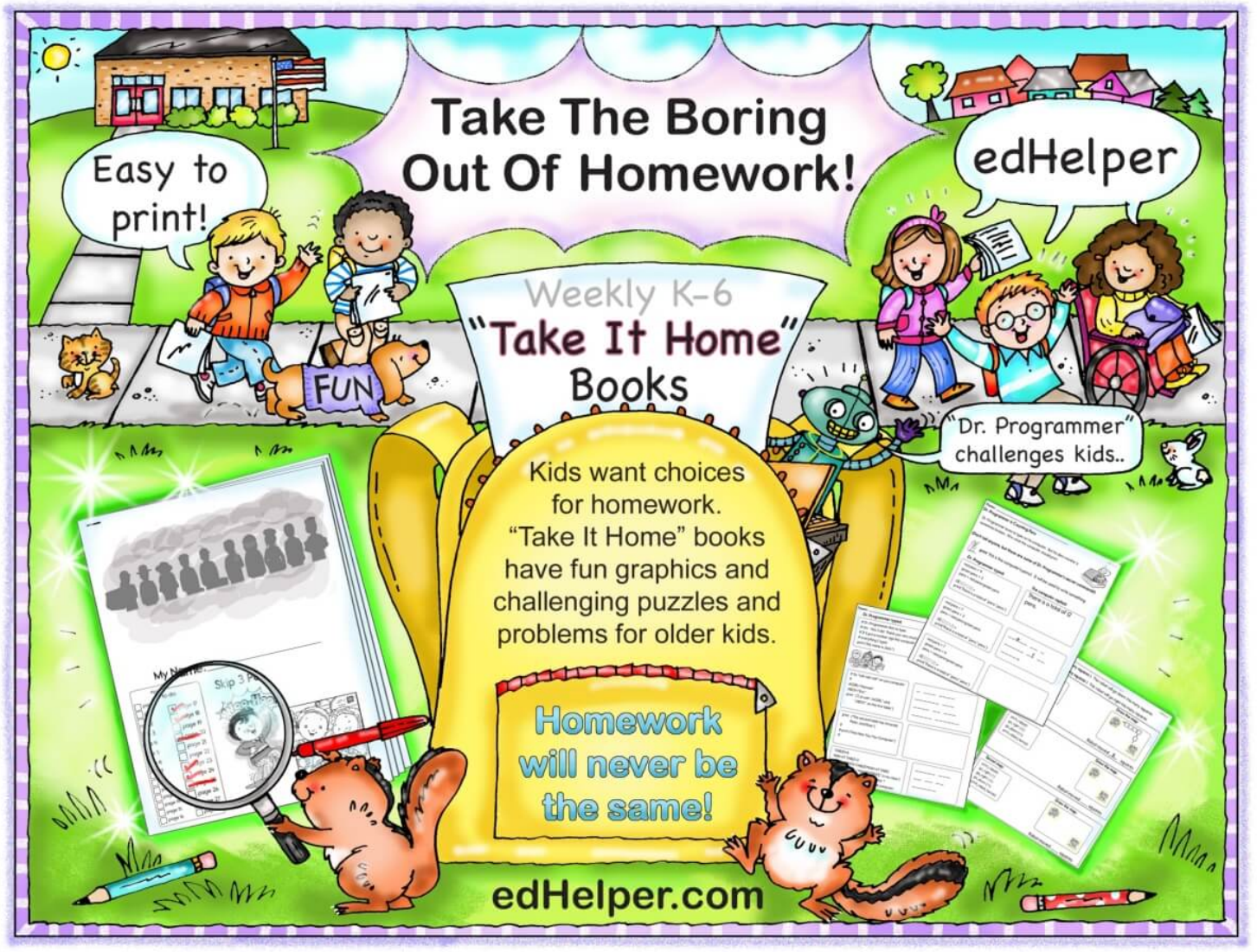
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