

CODING

Book #1



And some math...

How many minutes are there from 6:00 p.m. until 6:45 p.m.?

$$12 \times 8 =$$

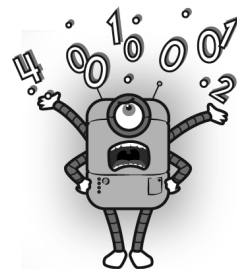
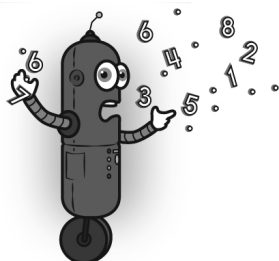
Sarah has 12 cookies. She and her 4 friends shared them equally. How many cookies did Sarah keep?

Is 451 closer to 400 or 500?

Amy has 23 nickels. How much money is that?

Robert earns \$15 an hour. He worked 6 hours. How much did he make?

for good measure!



Name: _____

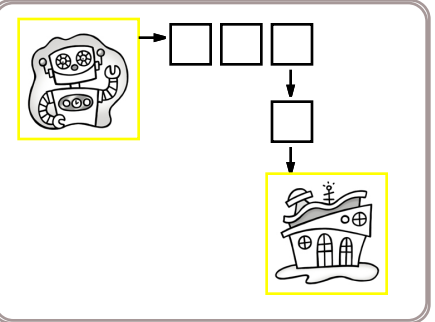
go_down (how many squares) The robot will go down this many squares.

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

Secret map:

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

Draw the map:



Secret map:

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

Draw the map:



240, 207, 177, 150,
_____, 105, 87, 72, 60,
51, 45

It was 72 degrees outside.
What would the
temperature be if it got 11
degrees colder?

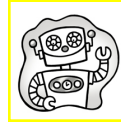
Estimate quickly the
difference.
 $4,330 - 1,280$

Name: _____

Secret map:

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

Draw the map:



Secret map:

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

Draw the map:

$$66 \div 6 - 1$$

The radius of a circle is 757 cm. What is the diameter of this circle?

$$43 + n = 61$$

Name: _____

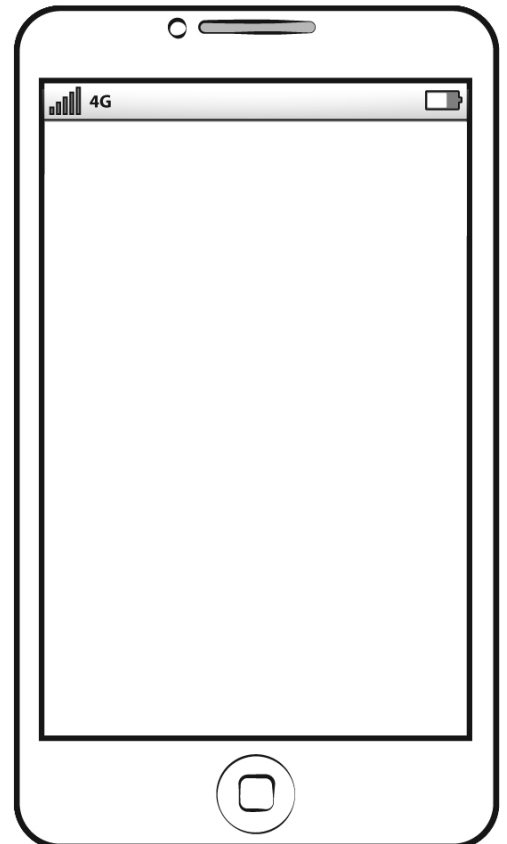
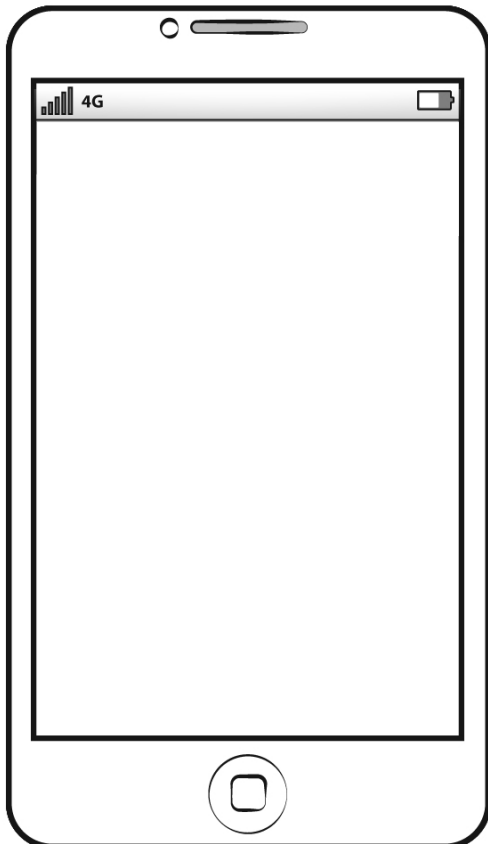
You are in charge of Zappa Gazoom. What the heck is that you ask? Why it's the best company in the world that makes apps. Only problem is they need a new one. Is it a game? Is it something that lets you talk to others? You decide!

Explain what your app will do:

Give it a strange title:

Who would want to use your app?

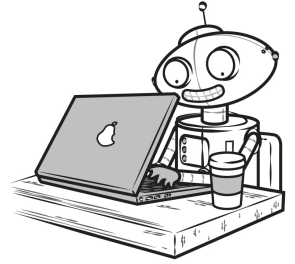
Draw two sample pictures of your app in action.



Name: _____

Girl or Boy?

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:

```
KID="Hannah"  
P="girl"  
print( KID," is a ",P )
```

The computer replied:

Hannah is a girl

```
print ( "She likes soccer!" )
```

 e o c !

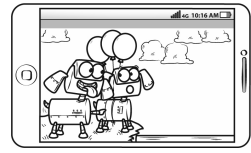
```
KID="Austin"  
P="boy"  
print( KID," is a ",P )
```

```
print ( "He plays hockey." )
```

$$705 + 7 =$$

You have a playdate in 60 minutes. How many hours is that?

Write the number that has exactly 8 thousands.



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)
```

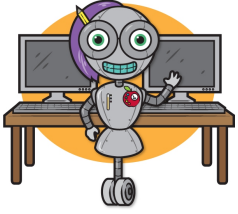
9, 18, 27, 36, 45, 54,
_____, 72, 81

How many tens are in the
number 50?

There are 4 groups of 5
rocks. How many rocks?

Name: _____

edHelper



Miss Meena is your new math teacher. And she is a robot!
She doesn't talk. Do you know how she teaches her class?

Miss Meena typed:

```
x = 5  
print ("What is x?")  
  
print (x)
```

The computer replied:

What is x?

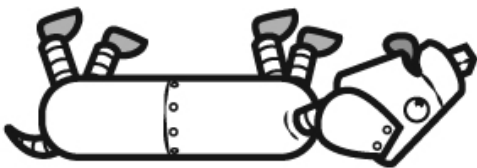
5

```
x = 51  
print ("What is x?")  
  
print (x)
```


```
x = 5  
y = 6  
print ("What is x + y?")  
  
Answer = x + y  
print (Answer)
```

What is x + y?

11



Can you read that? That is how Miss Meena teaches. Shes codes computer programs. Did you guess correctly what the computer replied with? Don't ask robot dog!

word root **ize** can mean **to make or to act**

memorize, recognize, vocalize

Name: _____



Can you figure these out?

```
x = 381
y = 95
print ("What is y?")

print (y)
```

```
x = 28
y = 33
print ("What is x + y?")

Answer = x + y
print (Answer)
```

```
x = 35
y = 71
print ("What is y - x?")

Answer = y - x
print (Answer)
```

$$7 - (6 \times 1)$$

$$40 \div \underline{\quad} = 8$$

Is 13 a composite or a prime number?

Name: _____

Sarah, Nicholas, Sean, Kylie, James, and Jordan are 32, 25, 28, 35, 36, and 18 years old.

Find each person's age.

1. Nicholas is older than eighteen years old.
2. Kylie is older than Nicholas and older than Sarah.
3. Jordan is younger than James and younger than Kylie.
4. Sean is older than eighteen years old.
5. Sarah is less than thirty-six years old.
6. Kylie is less than thirty-six years old.
7. Nicholas is less than twenty-eight years old.
8. Jordan is younger than Nicholas.
9. Sean is older than Jordan and younger than Sarah.
10. James is older than Kylie.
11. James is older than Sean.

Sarah is _____ years old.

Nicholas is _____ years old.

Sean is _____ years old.

Kylie is _____ years old.

James is _____ years old.

Jordan is _____ years old.

Write the least possible
4-digit number without
repeating any numbers.

Write the greatest possible
3-digit number using only 2
different numbers.

Round 1549 to the nearest
hundred.

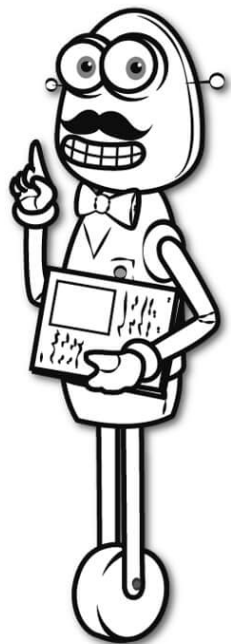


It's NO PREP
at edHelper.

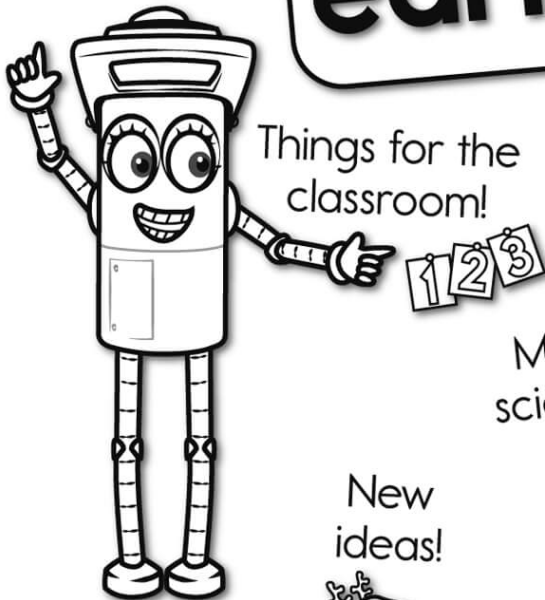


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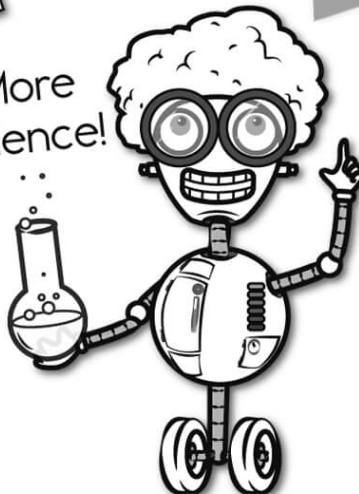
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