

# CODING

## Book #2



### And some math...

$$4 \times 12 \div 12$$

8, \_\_\_\_\_, 24, 32, 40,  
48, 56, 64, 72, 80

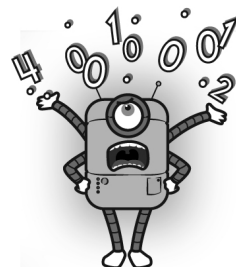
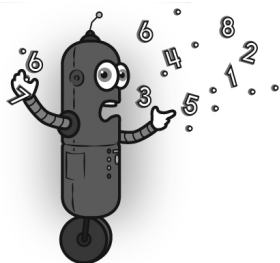
$$120 \div 12 - 7$$

How many centimeters in 1.4 meters?

How many minutes is it from 6:00 a.m. to 10:50 a.m.?

99 divided by 11 equals

for good measure!



**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?

\_\_\_\_\_



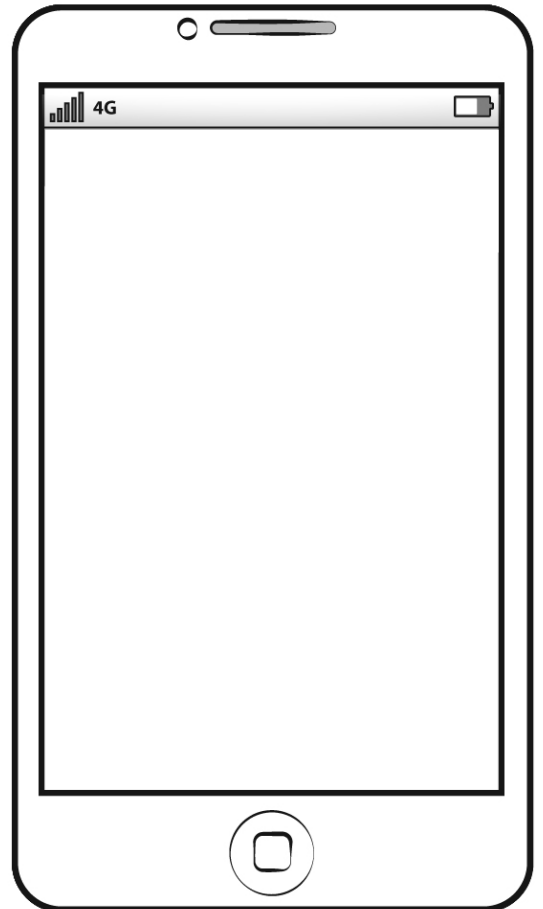
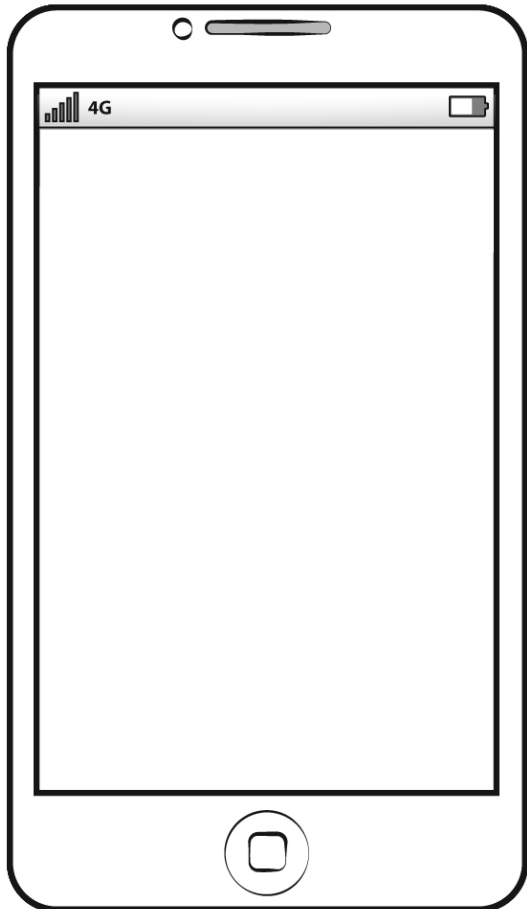
Hmm. That sounds cool. But what's special about this new app of yours?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Draw two sample pictures of your app in action.



Name: \_\_\_\_\_

If  $A > B$   
and  $B = C$ ,  
then  
 $A$  \_\_\_\_  $C$ .

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

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

If  $A = B$   
and  $B = C$ ,  
then  
 $A$  \_\_\_\_  $C$ .

$X = 28$   
 $X = X + 3$   
`print ( X )`  
What is printed?

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

Use  $>$ ,  $<$ , or  $=$  to  
complete.  
If  $D$  is greater than  $E$ ,  
then  
 $E$  \_\_\_\_  $D$

Use  $>$ ,  $<$ , or  $=$  to  
complete.  
If  $X$  is 9 more than  $Y$ ,  
and  $Y$  is greater than  $Z$   
then  
 $X$  \_\_\_\_  $Z$

$A = 14$   
 $B = 13$   
 $C = 14$   
`if (A <= C)`  
    `print(C);`  
`else`  
    `print(A)`  
What is printed?

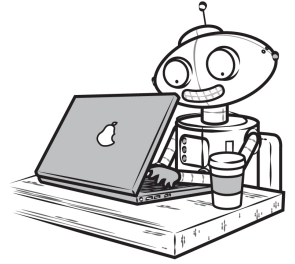
# Hint  $*$  is multiplication.  
# and  $/$  is division.  
 $A = 13$   
 $B = 7$   
 $C = A * B$   
 $C / A =$  \_\_\_\_

$A = 17$   
 $B = 16$   
 $C = 17$   
`if (A >= B)`  
    `print(C);`  
`else`  
    `print(A)`  
What is printed?

Use  $>$ ,  $<$ , or  $=$  to  
complete.  
If  $X$  is 6 more than  $Y$ ,  
and  $Y$  is less than  $Z$  then  
 $X$  \_\_\_\_  $Y$

Name: \_\_\_\_\_

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:**

**The computer replied:**

```
A = 4742
B = 100
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

The number that is  
100 more than 4742  
is 4842

```
A = 6525
B = 10
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

The number that is  
10 more than 6525  
is 6535

```
A = 7804
B = 100
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

```
A = 7770
B = 10
C = A + B
print ("The number that is ",
      B," more than ",A," is ",C)
```

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_

edHelper

A = 66024

B = 1000

C = A + B

print ("The number that is ",  
B," more than ",A," is ",C)

-----

-----

-----

A = 18325

B = 10000

C = A + B

print ("The number that is ",  
B," more than ",A," is ",C)

-----

-----

-----

A = 7350

B = 100

C = A + B

print (B," more than ",A," is ",C)

-----

-----

A = 2627

B = 10

C = A + B

print (B," more than ",A," is ",C)

-----

-----

A = 15581

B = 1000

C = A + B

print (B," more than ",A," is ",C)

-----

-----

10, 12, 14, \_\_\_\_\_, 18, 20,  
22, 24

Write the missing family  
fact.

$9 \times 15 = 135$

$135 \div 15 = 9$

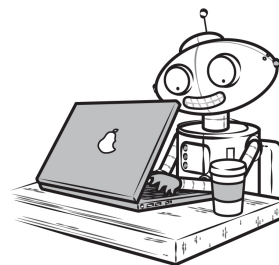
$135 \div 9 = 15$

Round 10,505 to the  
nearest thousand.

Name: \_\_\_\_\_

## Morning News

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:

print ("Hello everyone.")

The computer replied:

Hello everyone.

print ("Today we have BIG news.")

\_\_\_\_\_ w\_\_\_\_\_ v\_\_\_\_\_ G  
n\_\_\_\_\_ s\_\_\_\_\_



It is Spii Guy.

He is trying to break Dr. Programmer's code!

print ("Spii Guy does not like news!")

\_\_\_\_\_  
\_\_\_\_\_

**p r i n t** ("Spii Guy!  
I thought you were in jail.")



Fixed Missing Word

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

$$4 \times 5 - 1 + 8$$

$$7 \times 7 \times 9 + 7$$

It was 4 degrees below zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

Name: \_\_\_\_\_

edHelper

\_\_\_\_\_ ("Put back my print command!")



☐ Fixed Missing Word

\_\_u\_\_ \_\_k\_\_ \_\_

\_\_\_\_\_

c\_\_\_\_\_!

\_\_\_\_\_ ("I am trying to have morning meeting!")



☐ Fixed Missing Word

\_\_ \_\_ \_\_

t\_\_ h\_\_e

\_\_\_\_\_n\_\_

\_\_e\_\_\_\_\_!

$$5 \div \frac{1}{2}$$

A toy car can go 3 mph.  
How long would it take to  
go 4 miles?

$$12 \div 4 \times 4$$

Round the decimal 0.465 to  
the nearest hundredth.

Write  $\frac{10}{20}$  in lowest  
terms.

Estimate quickly the  
difference.  
6,540 - 2,580

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

A rectangle is 29 cm on  
one side and 9 cm on  
another side. What is the  
perimeter?

What is the area of a  
rectangle with sides 5 cm  
and 6 cm?

Name: \_\_\_\_\_

Olivia, Grace, Kaitlyn, and Brianna each own a car. One has a gray car, one has a pink car, one has a white car, and one has a red car.

Figure out the color of each person's car.

1. Olivia's favorite colors are gray and red. Her car is one of her favorite colors.
2. Kaitlyn doesn't like white cars.
3. Grace's favorite colors are white and pink. Her car is one of her favorite colors.
4. Brianna's favorite colors are gray and white. Her car is one of her favorite colors.
5. Brianna doesn't like pink cars.
6. Kaitlyn doesn't like pink cars.
7. Kaitlyn borrowed the red car, because Grace was using her car.

Olivia has a(n) \_\_\_\_\_ car.

Grace has a(n) \_\_\_\_\_ car.

Kaitlyn has a(n) \_\_\_\_\_ car.

Brianna has a(n) \_\_\_\_\_ car.

What 5 coins add up to 46 cents?

$$6\frac{3}{5} + 8\frac{4}{5}$$

$\frac{1}{343}$ ,  $\frac{1}{49}$ ,  $\frac{1}{7}$ , (1), (7),  
\_\_\_\_\_, (343), (2,401)

77 divided by 11 equals

(16), (8), \_\_\_\_\_, (2),  
(1),  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ ,  $\frac{1}{16}$

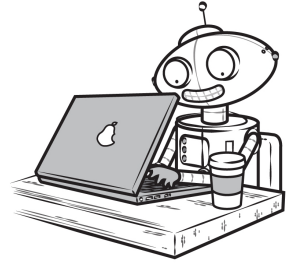
Draw a number line with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{5}{12}$  would go. Is  $\frac{5}{12}$  closer to 0,  $\frac{1}{2}$ , or 1?



Name: \_\_\_\_\_

## Dr. Programmer is Counting Pens

Dr. Programmer loves to type on his computer. But his darn monitor is sometimes broken. Fill in what the computer should print.



(Don't tell anyone, but these are some of Dr. Programmer's secret commands!)



**print** This is the computer's pencil. It will be used to write something.

Dr. Programmer typed:

```
red_pens = 9
green_pens = 5
pens = red_pens+green_pens
```



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

The computer replied:

\_\_\_\_\_

\_\_\_\_\_

```
red_pens = 9
green_pens = 3
pens = red_pens+green_pens
```

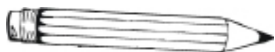


```
print("There is a total of ",pens," pens.")
```

\_\_\_\_\_

\_\_\_\_\_

```
blue_pens = 7
pink_pens = 4
orange_pens = 3
```



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

\_\_\_\_\_

\_\_\_\_\_

1 kg = 1,000 g

16 kg = \_\_\_\_\_ g

3 x 6 =

Rose rolls a die. What is the chance of her rolling a 5?

\_\_\_\_\_

Name: \_\_\_\_\_

edHelper

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



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

\_\_\_\_\_

\_\_\_\_\_

How many meters are there in 132 kilometers?

How many centimeters in 2.5 meters?

Round 84,631 to the nearest hundred.

How much money is 1 quarter, 5 dimes, 1 nickel, and 1 penny?

How many minutes is it from 9:00 a.m. to 11:20 a.m.?

What is 50% of 1,548?

24, 32, \_\_\_\_\_, 48, 56,  
64, 72, 80, 88, 96

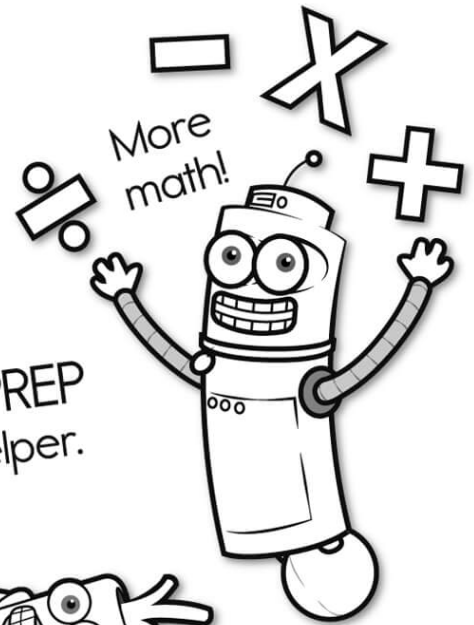
Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

Round 53,630 to the nearest hundred.

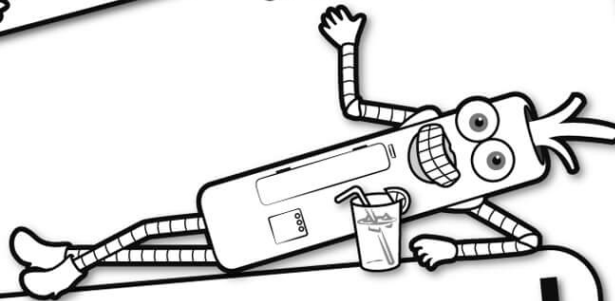
C, I, \_\_\_\_\_, J, E, K, F,  
L, G, M

The area of a rectangle is  $24 \text{ cm}^2$ . What could the length of the 4 sides be?

67, 82, 97, 112, 127, 142,  
157, \_\_\_\_\_, 187, 202

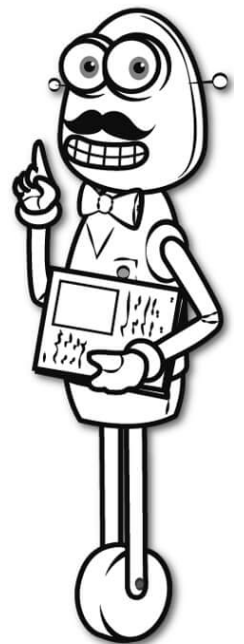


It's NO PREP  
at edHelper.

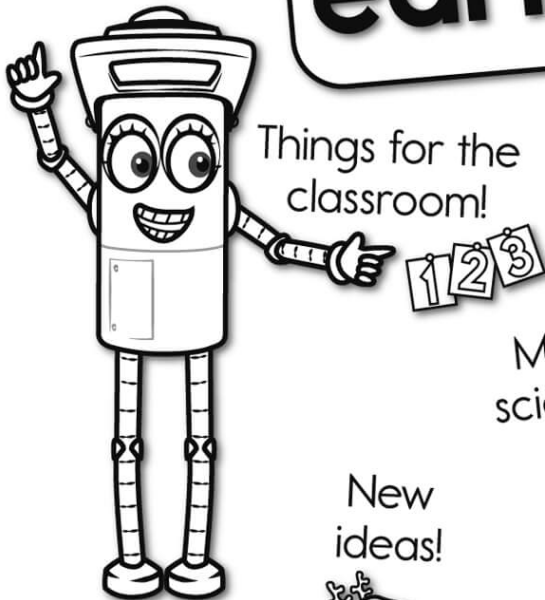


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