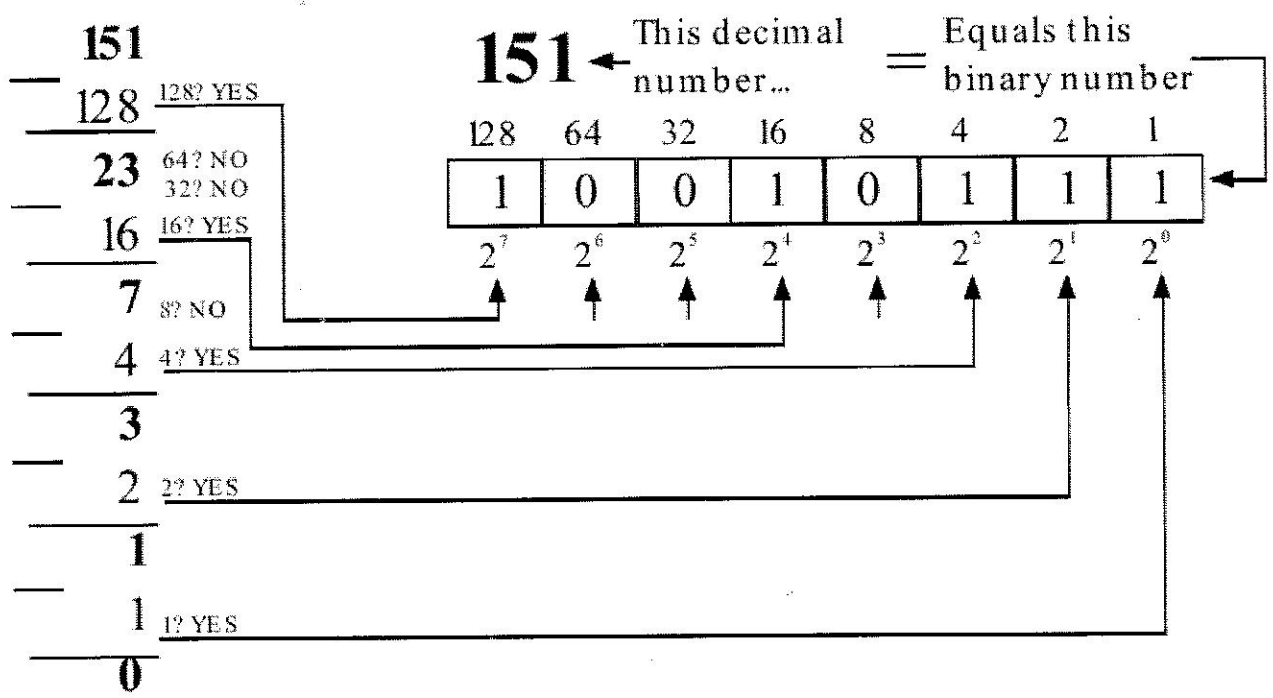


Decimal to Binary



Convert each decimal number into a binary number.

- 137 = _____
- 128 = _____
- 63 = _____
- 213 = _____
- 49 = _____
- 111 = _____
- 242 = _____
- 192 = _____
- 89 = _____
- 2 = _____

- 200 = _____
- 171 = _____
- 150 = _____
- 27 = _____
- 19 = _____
- 189 = _____
- 222 = _____
- 79 = _____
- 73 = _____
- 136 = _____

Snow Packet #1

Take the hexadecimal numbers below and convert them to characters using an ASCII table

<https://simple.wikipedia.org/wiki/ASCII> (ASCII Table)

53 6f 72 72 79 20 61 62 6f 75 74 20 74 68 65 20 62 75 73 79 20 77 6f 72 6b 2c 20 65 6e 6a 6f 79 20 74 68
65 20 64 61 79 20 6f 66 66 21

Snow Day Packet #2

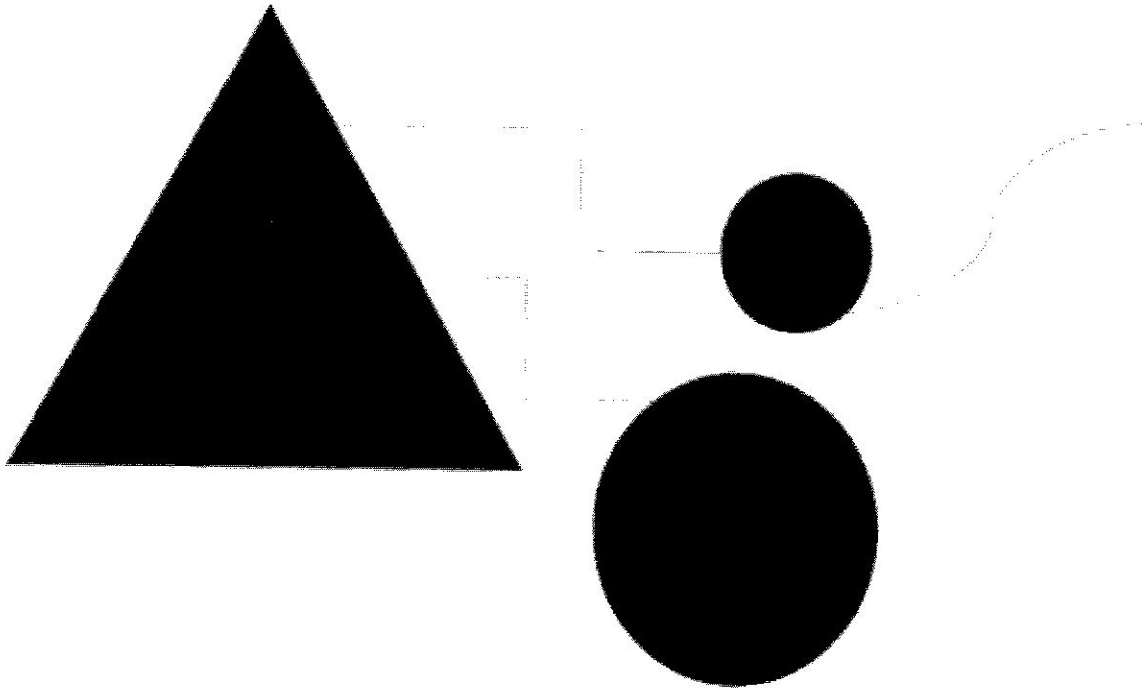
Do you give a lot of thought to the instructions you give? For this assignment, you will need to pay close attention to details. You will also need a peanut butter and jelly sandwich -- or at least the knowledge of knowing how to make one!



Write a numbered set of directions for making a peanut butter and jelly sandwich. Be as detailed as possible. Assume the person following your instructions has never made one before, so you **MUST** be specific.

Snow Day Packet #3

Write specific directions telling someone who has never seen the picture below how to draw the picture. Be very precise in your directions. You cannot use the words triangle or circle in your directions.



Once you've finished writing your directions, have someone use them to draw the picture. (Do not let them see this picture first)

Snow Day Packet #4

Go to <https://technews.acm.org/> and skim through their articles until you find a topic that interests you. Read your chosen article and write a half page summarizing what you've read (be prepared to report your research to the class). Include a reference to the article at the end of your report.

Snow Day Packet #5

```
/*
```

```
* In this assignment, you will be writing pseudocode for a sorting abstraction. This abstraction should
```

```
* take a numerical array and put it in order from lowest to greatest.
```

```
*/
```

```
public static void main (String [ ] args)
```

```
{
```

```
    int [ ] ages = { 35, 27, 15, 18, 22, 8};
```

```
    ages = sortSomeNums(ages);
```

```
}
```

```
public static int[ ] sortSomeNums (int[ ] nums)
```

```
{
```

```
}
```