PHP Developer Test

**Part 1: IQ Questions (20 minutes)**

Total Points: 30

1.1 What comes next in the sequence? 2, 4, 8, 16, \_\_\_

* A) 24
* B) 32
* C) 30
* D) 18

1.2 Which number should replace the question mark? 6, 13, 27, 55, ?

* A) 75
* B) 102
* C) 111
* D) 122

1.3 In a certain code, "RED" is written as "UHG" and "DOG" is written as "GRJ." How is "CAT" written in that code?:

* A) DFW
* B) FDW
* C) GFB
* D) EFB

1.4 A boy is 4 years old and his sister is three times as old as he is. When the boy is 12 years old, how old will his sister be?

* A) 20 years
* B) 28 years
* C) 36 years
* D) 32 years

1.5 Two clocks show 6:30. One of them loses a minute every hour, and the other gains one minute every hour. What is the first time they will show the same time again?

* A) 6:30
* B) 5:30
* C) 12:30
* D) 11:30

1.6 If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets?

* A) 5 minutes
* B) 100 minutes
* C) 1 minute
* D) 20 minutes