Functions Practice

Let's Discuss Some Functions!

```
function convertToNumber (name)
{
  var names=["january", "february", "march", "april",
             "may", "june", "july", "august",
             "september", "october", "november", "december"];
  var foundIndex = -1;
  for (var i = 0; i < 12; i++)
    if (names[i]==name) foundIndex = i;
  if (foundIndex==-1) return "??";
  else return foundIndex + 1;
}
```

- **What is/are the parameter(s)? What are their types?**
- **What does this function return? What is its type?**
- **What does a sample function call look like?**

```
function calculateHumanAge (dogAge)
{
  var answer = dogAge * 7;
  return answer;
}
```

- **What is/are the parameter(s)? What are their types?**
- **What does this function return? What is its type?**
- **What does a sample function call look like?**

```
function parrotTrouble (isTalking, hour)
{
    if (hour < 7  ||  hour > 20  &&  isTalking==true)
      return true;
  else
      return false;
}
```

- **What is/are the parameter(s)? What are their types?**
- **What does this function return? What is its type?**
- **What does a sample function call look like?**

```
Problem: write a function to calculate the cost of an apple purchase.  Appl
cost $0.55/each.
```

- **What is/are the parameter(s)? What are their types?**
- **What does this function return? What is its type?**
- **What does a sample function call look like?**

Problem: write a function to calculate the number of classrooms needed for
students attending FHS, postpandemic. There will be 12 students assigned t
each classroom.

- **What is/are the parameter(s)? What are their types?**
- **What does this function return? What is its type?**
- **What does a sample function call look like?**

```
Problem: Write a function to calculate the cost of a taco order.  Each taco
is $1.25, except on Tuesday, when tacos are "two-for-one".
```

- **What is/are the parameter(s)? What are their types?**
- **What does this function return? What is its type?**
- **What does a sample function call look like?**