

# Exercise 1: Math Object

1. Open Notepad and type the following :

```
<!DOCTYPE html>
<head >
<script>

var ticket=12.58;
var totalCost;

document.write("a:" +           ?           + "<br><br>");

document.write("b:" +           ?           + "<br><br>");

document.write("c:" +           ?           + "<br><br>");

document.write("d:  +           ?           + "<br><br>");

document.write("e:" +           ?           + "<br><br>");

document.write("f:" +           ?           + "<br><br>");

document.write("g:" +           ?           + "<br><br>");

document.write("h:" +           ?           + "<br><br>");

document.write("i:" +           ?           + "<br><br>");

</script>
</head>
<body></body>
<html>
```

2. Inside the document.write() replace the ? with the correct codes for the following letters :

a. calculate the totalCost if the number of people buying the ticket is 6 – round the figure up

b. find the highest number from the following:  
456, 200.92, 336, 120, 456.33

c. find the lowest number from the following:  
-0.45, 0.567, 1.2, 0.067, -0.567

d. find the square root of 144

e. if 2 to the power of 2 equals 4 then find the answer to 4 to the power of 3

f. round the figure 1289.567 down to the nearest integer

g. round the figure 4569.567 to the nearest integer

h. find the absolute value for  $5.5 * 3$

i. find the exponent value for 7

j. find the cosine for 2

k. find the tan for the angle 60

3. Save file as math.html