Math

Find Output

```
public class Test {
public static void main(String[] args) {
        int x = 2;
        int y = 3;
        int z = Math.pow( x, y );
        System.out.print(z);
}
}
```

Output

Options:

a) Compilation error

b) 8

c) 8.0

d) 9

Ans) a

Find Output

```
public class Test {
public static void main(String[] args) {
        int x = 2;
        int y = 3;
        double z = Math.pow( x, y );
        System.out.print(z);
}
}
```

Output

- Options:

a) 8.0

b) Compilation error

c) 8

d) Runtime error

Ans) a

Find Output

```
public class Test {
public static void main(String[] args) {
        float x = 2.0f;
        double y = 3.0D;
        int z = (int)Math.pow( x, y );
        System.out.print(z);
}
}
```

Output

- Options:

a) 8.0

b) Compilation error

c) 8

d) Runtime error

Ans) c

Find Output

```
class Output
{
public static void main(String args[])
{
        double x = 3.1;
        double y = 4.5;
        double z = Math.max( x, y );
        System.out.print(z);
}
}
```

Output

- Options:

a) 4.5

b) Compilation error

c) 4.0

d) Runtime error

Ans) a

Find Output

```
class Output
{
public static void main(String args[])
{
        double x = 3.14;
        int y = (int) Math.abs(x);
        System.out.print(y);
}
}
```

Output

- a) compilation error
  b) 3
  c) 3.0
  d) 3.14

- Answer: b

Find Output

```
public class Test {
public static void main(String[] args) {
        double x = 3.14;
         int y =  Math.abs(x);
         System.out.print(y);
}
}
```

Output

- a) 3.14
  b) 3
  c) 3.0
  d) compilation error

- Answer: d

Find Output

```
public class Test {
public static void main(String[] args) {
double d = Math.round ( 2.5 + Math.random() );
System.out.println(d);
}
}
```

Output

- a) 2.0
  b) 3.0
  c) 4.0
  d) 2.5
- Answer: b
  Explanation: The Math.random() method returns a number either 0.0 or 1.0. Math.round() will round that number to 3.0

Find Output

```
public class Test {
public static void main(String[] args) {
        System.out.printf("%.2f",Math.E);
}
}
```

Output

- Options:

a) 2.72

b) Compilation error

c) 0.72

d) 3.14

Ans: a

Find Output

Output

Find Output

Output

Find Output

Output

Find Output

Output