Function Machine Teacher’s Guide – Level 1

# Round 1

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **7** | 49 | x 7 |
| **0** | 0 |
| **30** | 210 |
| **25** | 175 |

# Round 2

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **25** | 75 | x 3 |
| **32** | 96 |
| **4** | 12 |
| **13** | 39 |

# Round 3

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **17** | 20 | + 3 |
| **0** | 3 |
| **8** | 11 |
| **45** | 48 |

Function Machine Teacher’s Guide – Level 2

# Round 1

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **34** | 15 | ÷ 2 – 2 |
| **17** | 6.5 |
| **49** | 222.5 |
| **20** | 8 |

# Round 2

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **22** | 45 | x 2 + 1 |
| **14** | 29 |
| **18** | 37 |
| **3** | 7 |

# Round 3

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **13** | 59 | x 5 – 6 |
| **46** | 224 |
| **23** | 109 |
| **8** | 34 |

#

Function Machine Teacher’s Guide – Level 3

# Round 1

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **26** | 143 | x 2 + 91 |
| **38** | 167 |
| **22** | 135 |
| **41** | 173 |

# Round 2

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **16** | -32 | ÷ 2 – 40 |
| **15** | -32.5 |
| **20** | -30 |
| **0** | -40 |

# Round 3

| **Input** | **Output** | **What’s the Function?** |
| --- | --- | --- |
| **40** | 449 | x 9 + 89 |
| **26** | 323 |
| **12** | 197 |
| **1** | 98 |

#