



Grade 5

Mathematics

Patterns

Question 1:

1. The missing input number's answer is 70.

a. True

b. False

| Input | Output |
|-------|--------|
| 20 | 32 |
| 30 | 42 |
| 40 | 52 |
| 50 | 62 |
| 60 | 72 |
| | 82 |

2. The output answer for 2 is 18

The output answer for 7 is 63

| Input | Rule | Output |
|-------|------------|--------|
| 2 | $\times 9$ | |
| 1 | | |
| 4 | | |
| 7 | | |
| 3 | | |

3. Select the correct answer:

The rule to get from input to output is $\times 10$ / $\times 5$ / $\times 6$ / $\times 8$

| Input | Output |
|-------|--------|
| 6 | 60 |
| 7 | 70 |
| 8 | 80 |
| 13 | 130 |
| 15 | 150 |
| 20 | 200 |

4. The missing output block's answer is 60

| Input | Output |
|-------|--------|
| 7 | 35 |
| 8 | 40 |
| 9 | 45 |
| 10 | 50 |
| 11 | 55 |
| 12 | |

5. Select the correct answer:

The rule to move from input to output is to add 50/60/20/25

| Input | Output |
|-------|--------|
| 10 | 60 |
| 23 | 73 |
| 39 | 89 |
| 65 | 115 |
| 72 | 122 |
| 80 | 130 |

6. The missing output block is 16

| Input | Output |
|-------|--------|
| 1 | 4 |
| 2 | 8 |
| 3 | 12 |
| 4 | |
| 5 | 20 |
| 6 | 24 |