

Name: ..... Class: .....

Multiplication input/output tables: find the rule

Find the rule on each table below.

To find the rule on each table, divide the output by the input since its mutiplication.

**a.**

| Rule: $\times$ |        |
|----------------|--------|
| Input          | Output |
| 3              | 9      |
| 4              | 12     |
| 5              | 15     |
| 6              | 18     |

**b.**

| Rule: $\times$ |        |
|----------------|--------|
| Input          | Output |
| 0              | 0      |
| 4              | 8      |
| 8              | 16     |
| 12             | 24     |

**c.**

| Rule: $\times$ |        |
|----------------|--------|
| Input          | Output |
| 1              | 10     |
| 2              | 20     |
| 3              | 30     |
| 4              | 40     |

**d.**

| Rule: $\times$ |        |
|----------------|--------|
| Input          | Output |
| 2              | 2      |
| 5              | 5      |
| 7              | 7      |
| 9              | 9      |
| 11             | 11     |

**e.**

| Rule: $\times$ |        |
|----------------|--------|
| Input          | Output |
| 2              | 8      |
| 3              | 12     |
| 4              | 16     |
| 5              | 20     |
| 6              | 24     |

**f.**

| Rule: $\times$ |        |
|----------------|--------|
| Input          | Output |
| 2              | 12     |
| 4              | 24     |
| 6              | 36     |
| 8              | 48     |
| 10             | 60     |

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Multiplication input/output tables: find the rule

Find the rule on each table below.

To find the rule on each table, divide the output by the input since its mutiplication.

**a.**

| Rule: <b>x 3</b> |        |
|------------------|--------|
| Input            | Output |
| 3                | 9      |
| 4                | 12     |
| 5                | 15     |
| 6                | 18     |

**b.**

| Rule: <b>x 2</b> |        |
|------------------|--------|
| Input            | Output |
| 0                | 0      |
| 4                | 8      |
| 8                | 16     |
| 12               | 24     |

**c.**

| Rule: <b>x 10</b> |        |
|-------------------|--------|
| Input             | Output |
| 1                 | 10     |
| 2                 | 20     |
| 3                 | 30     |
| 4                 | 40     |

**d.**

| Rule: <b>x 1</b> |        |
|------------------|--------|
| Input            | Output |
| 2                | 2      |
| 5                | 5      |
| 7                | 7      |
| 9                | 9      |
| 11               | 11     |

**e.**

| Rule: <b>x 4</b> |        |
|------------------|--------|
| Input            | Output |
| 2                | 8      |
| 3                | 12     |
| 4                | 16     |
| 5                | 20     |
| 6                | 24     |

**f.**

| Rule: <b>x 6</b> |        |
|------------------|--------|
| Input            | Output |
| 2                | 12     |
| 4                | 24     |
| 6                | 36     |
| 8                | 48     |
| 10               | 60     |