Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 1 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 9**

In	Out
9	1
18	2
36	**4**
72	**8**
90	**10**

2. **Rule: Divide by 7**

In	Out
7	1
35	**5**
49	7
63	**9**
70	**10**

3. **Rule: Divide by 8**

In	Out
24	3
32	**4**
40	5
56	**7**
64	**8**

4. **Rule: Divide by 2**

In	Out
4	2
6	**3**
14	**7**
16	8
20	**10**

5. **Rule: Divide by** **5**

In	Out
10	2
15	3
20	4
25	5
45	**9**

6. **Rule: Divide by** **3**

In	Out
3	1
9	3
15	5
24	8
27	**9**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 2 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 5**

In	Out
10	2
20	4
25	**5**
30	**6**
45	**9**

2. **Rule: Divide by 2**

In	Out
4	2
6	**3**
8	**4**
10	5
16	**8**

3. **Rule: Divide by 3**

In	Out
6	2
12	4
21	**7**
24	**8**
27	**9**

4. **Rule: Divide by 8**

In	Out
16	2
24	**3**
32	4
48	**6**
72	**9**

5. **Rule: Divide by** **6**

In	Out
12	2
24	4
30	5
48	8
54	**9**

6. **Rule: Divide by** **7**

In	Out
7	1
14	2
21	3
49	7
56	**8**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 3 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 5**

In	Out
5	1
15	**3**
20	**4**
35	7
50	**10**

2. **Rule: Divide by 3**

In	Out
3	1
12	**4**
18	**6**
24	**8**
30	10

3. **Rule: Divide by 4**

In	Out
4	1
8	**2**
12	**3**
16	**4**
36	9

4. **Rule: Divide by 2**

In	Out
2	1
4	**2**
10	5
12	**6**
20	**10**

5. **Rule: Divide by** **7**

In	Out
7	1
21	3
28	4
49	7
56	**8**

6. **Rule: Divide by** **6**

In	Out
6	1
12	2
36	6
42	7
60	**10**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 4 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 3**

In	Out
12	4
15	**5**
18	**6**
21	**7**
27	9

2. **Rule: Divide by 7**

In	Out
7	1
14	**2**
21	3
49	**7**
63	**9**

3. **Rule: Divide by 4**

In	Out
4	1
16	4
24	**6**
32	**8**
40	**10**

4. **Rule: Divide by 2**

In	Out
8	4
10	5
12	**6**
14	**7**
16	**8**

5. **Rule: Divide by** **9**

In	Out
9	1
27	3
36	4
63	7
72	**8**

6. **Rule: Divide by** **5**

In	Out
10	2
15	3
20	4
25	5
40	**8**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 5 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 6**

In	Out
12	2
24	4
42	**7**
48	**8**
60	**10**

2. **Rule: Divide by 3**

In	Out
6	2
12	**4**
18	**6**
24	**8**
27	9

3. **Rule: Divide by 5**

In	Out
5	1
25	5
35	**7**
40	**8**
45	**9**

4. **Rule: Divide by 7**

In	Out
7	1
14	2
35	**5**
63	**9**
70	**10**

5. **Rule: Divide by _2_**

In	Out
2	1
6	3
12	6
14	7
16	**8**

6. **Rule: Divide by _8_**

In	Out
8	1
40	5
56	7
72	9
80	**10**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 6 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 7**

In	Out
14	2
21	3
42	**6**
63	**9**
70	**10**

2. **Rule: Divide by 9**

In	Out
36	4
45	**5**
63	**7**
72	**8**
90	10

3. **Rule: Divide by 2**

In	Out
2	1
4	**2**
10	**5**
12	**6**
20	10

4. **Rule: Divide by 4**

In	Out
4	1
8	2
12	**3**
24	**6**
32	**8**

5. **Rule: Divide by** **3**

In	Out
6	2
9	3
12	4
27	9
30	**10**

6. **Rule: Divide by** **6**

In	Out
6	1
18	3
30	5
54	9
60	**10**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 7 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 9**

In	Out
27	3
45	**5**
54	**6**
81	**9**
90	10

2. **Rule: Divide by 8**

In	Out
16	2
32	**4**
40	5
56	**7**
72	**9**

3. **Rule: Divide by 2**

In	Out
2	1
6	**3**
10	5
12	**6**
20	**10**

4. **Rule: Divide by 6**

In	Out
6	1
12	**2**
24	4
30	**5**
54	**9**

5. **Rule: Divide by** **3**

In	Out
9	3
12	4
15	5
18	6
27	**9**

6. **Rule: Divide by** **4**

In	Out
4	1
12	3
28	7
36	9
40	**10**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 8 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 7**

In	Out
28	4
35	**5**
42	6
49	**7**
56	**8**

2. **Rule: Divide by 8**

In	Out
16	2
24	**3**
40	5
48	**6**
56	**7**

3. **Rule: Divide by 4**

In	Out
4	1
8	**2**
28	**7**
32	8
40	**10**

4. **Rule: Divide by 3**

In	Out
6	2
12	**4**
15	**5**
18	6
30	**10**

5. **Rule: Divide by** **9**

In	Out
9	1
27	3
54	6
63	7
90	**10**

6. **Rule: Divide by** **2**

In	Out
4	2
10	5
14	7
18	9
20	**10**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 9 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 6**

In	Out
12	2
18	**3**
24	**4**
30	5
36	**6**

2. **Rule: Divide by 3**

In	Out
3	1
6	**2**
18	**6**
21	**7**
27	9

3. **Rule: Divide by 8**

In	Out
8	1
24	**3**
40	**5**
64	**8**
80	10

4. **Rule: Divide by 7**

In	Out
21	3
35	**5**
42	6
49	**7**
70	**10**

5. **Rule: Divide by** **2**

In	Out
2	1
4	2
8	4
14	7
20	**10**

6. **Rule: Divide by** **4**

In	Out
8	2
12	3
24	6
28	7
40	**10**

Division Input-Output Tables - ANSWER KEY

Grade 3 | Completing input-output tables that follow a division rule and finding the missing rule | Version 10 of 10

Use the rule to fill in each table. A missing input is the number you divide: think multiplication. In the last two tables, find the rule first, then finish the table.

1. **Rule: Divide by 7**

In	Out
14	2
21	3
35	**5**
49	**7**
63	**9**

2. **Rule: Divide by 6**

In	Out
30	5
36	6
42	**7**
48	**8**
60	**10**

3. **Rule: Divide by 2**

In	Out
8	4
12	**6**
14	7
16	**8**
20	**10**

4. **Rule: Divide by 5**

In	Out
10	2
25	**5**
30	6
35	**7**
50	**10**

5. **Rule: Divide by** **9**

In	Out
9	1
18	2
27	3
54	6
90	**10**

6. **Rule: Divide by** **4**

In	Out
4	1
12	3
24	6
28	7
36	**9**