Learning Tables (6-10)
Grade 2

Name: _____ **Date:** _____

Section A: Fill in the Missing Numbers in the Grid

Grid 1: Complete the Table of 6

×	1	2	3	4	5	6	7	8	9	10
6	6	__	18	__	30	__	42	__	54	__

Grid 2: Complete the Table of 7

×	1	2	3	4	5	6	7	8	9	10
7	__	14	__	28	__	42	__	56	__	70

Grid 3: Complete the Table of 8

×	1	2	3	4	5	6	7	8	9	10
8	8	__	__	32	__	48	__	64	__	__

Grid 4: Complete the Table of 9

×	1	2	3	4	5	6	7	8	9	10
9	__	__	27	__	45	__	__	72	__	90

Grid 5: Complete the Table of 10

×	1	2	3	4	5	6	7	8	9	10
10	__	20	__	__	50	__	70	__	__	100

Section B: Vertical Multiplication

Solve these multiplication problems:

1.

6

×7

_____

_____

2.

8

×9

_____

_____

3.

7

×6

_____

_____

4.

9

×8

_____

_____

5.

10

×7

_____

_____

6.

6

×9

_____

_____

7.

8

×7

_____

_____

8.

9

×6

_____

_____

9.

7

×8

_____

_____

10.

10

×9

_____

_____

Section C: Horizontal Multiplication

Solve these problems:

1. 6 × 8 = ____
2. 7 × 9 = ____
3. 8 × 6 = ____
4. 9 × 7 = ____
5. 10 × 6 = ____
6. 7 × 7 = ____
7. 8 × 8 = ____
8. 9 × 9 = ____
9. 6 × 10 = ____
10. 8 × 10 = ____

Section D: Fill in the Missing Numbers

1. 6 × ____ = 36
2. ____ × 7 = 49
3. 8 × ____ = 64

4. 9 × ____ = 54
5. ____ × 10 = 80
6. 7 × ____ = 63
7. ____ × 6 = 48
8. 9 × ____ = 72
9. ____ × 8 = 56
10. 10 × ____ = 100

Section E: Skip Counting

Complete the sequences:

1. Count by 6s: 6, 12, ____, 24, ____, 36, ____, 48
2. Count by 7s: 7, ____, 21, 28, ____, 42, ____, 56
3. Count by 8s: 8, 16, ____, ____, 40, 48, ____, 64
4. Count by 9s: 9, 18, ____, 36, ____, ____, 63, 72
5. Count by 10s: 10, ____, 30, ____, 50, ____, ____, 80
6. Count by 6s backwards: 60, 54, ____, ____, 36, 30, ____
7. Count by 7s: ____, 28, 35, ____, 49, 56
8. Count by 8s backwards: 80, ____, 64, ____, 48, 40
9. Count by 9s: ____, 27, 36, ____, 54, 63
10. Count by 10s backwards: 100, 90, ____, ____, 60, ____

Section F: Find the Pattern

Look at the patterns and fill in the missing numbers:

1. 6, 12, 18, ____, 30, ____, 42

2. 7, 14, _____, 28, _____, 42, 49
3. 8, 16, 24, _____, _____, 48, 56
4. 9, 18, 27, _____, 45, _____, 63
5. 10, 20, _____, 40, _____, 60, _____
6. 54, 48, 42, _____, 30, _____, 18
7. 70, 63, _____, 49, _____, 35, _____
8. 72, 64, _____, _____, 40, 32, _____
9. 90, 81, _____, 63, _____, 45, _____
10. 100, _____, 80, _____, 60, 50, _____

Section G: Word Problems

Solve these challenging problems:

1. A spider has 8 legs. How many legs do 9 spiders have? _____
2. There are 7 days in a week. How many days in 8 weeks? _____
3. Each box contains 6 chocolates. How many chocolates in 7 boxes? _____
4. A tricycle has 9 parts. How many parts in 6 tricycles? _____
5. Each student needs 10 pencils. How many pencils for 9 students? _____
6. A book has 8 chapters. Each chapter has 7 pages. How many pages total? _____
7. There are 6 rows of chairs with 9 chairs in each row. How many chairs in all? _____
8. A farmer plants 10 seeds in each of 8 pots. How many seeds total? _____
9. Each pizza is cut into 8 slices. How many slices in 6 pizzas? _____
10. A toy costs $7. How much will 9 toys cost? _____

Section H: Mixed Multiplication Grid Challenge

Complete this multiplication grid:

×	6	7	8	9	10
6	36	__	48	__	60
7	__	49	__	63	__
8	48	__	64	__	80
9	__	63	__	81	__
10	60	__	80	__	100

Section I: True or False

Write T for True or F for False:

1. 6 × 7 = 42 ____
2. 8 × 9 = 71 ____
3. 7 × 8 = 56 ____
4. 9 × 6 = 63 ____
5. 10 × 7 = 70 ____
6. 6 × 9 = 54 ____
7. 7 × 7 = 48 ____
8. 8 × 8 = 64 ____
9. 9 × 9 = 81 ____
10. 10 × 10 = 110 ____

Section J: Advanced Challenge

Solve these harder problems:

1. If 6 × ? = 48, then ? = ____
2. If ? × 7 = 56, then ? = ____
3. 8 × 7 = ____ and 7 × 8 = ____ (Are they the same?) ____
4. What is 6 more than 7 × 8? ____
5. What is 10 less than 9 × 9? ____
6. Double of 6 × 6 = ____
7. Half of 8 × 10 = ____
8. (6 × 5) + (7 × 4) = ____
9. (9 × 8) - (6 × 7) = ____
10. If you know 7 × 6 = 42, what is 7 × 7? ____

🎯 ANSWER KEY

Section A: Fill in the Missing Numbers in the Grid

Grid 1 (Table of 6): 6, **12**, 18, **24**, 30, **36**, 42, **48**, 54, **60**

Grid 2 (Table of 7): **7**, 14, **21**, 28, **35**, 42, **49**, 56, **63**, 70

Grid 3 (Table of 8): 8, **16**, **24**, 32, **40**, 48, **56**, 64, **72**, **80**

Grid 4 (Table of 9): **9**, **18**, 27, **36**, 45, **54**, **63**, 72, **81**, 90

Grid 5 (Table of 10): **10**, 20, **30**, **40**, 50, **60**, 70, **80**, **90**, 100

Section B: Vertical Multiplication

1. 42
2. 72
3. 42
4. 72
5. 70
6. 54
7. 56
8. 54
9. 56
10. 90

Section C: Horizontal Multiplication

1. 48
2. 63
3. 48
4. 63

5. 60
6. 49
7. 64
8. 81
9. 60
10. 80

Section D: Fill in the Missing Numbers

1. 6
2. 7
3. 8
4. 6
5. 8
6. 9
7. 8
8. 8
9. 7
10. 10

Section E: Skip Counting

1. 18, 30, 42
2. 14, 35, 49
3. 24, 32, 56
4. 27, 45, 54
5. 20, 40, 60, 70
6. 48, 42, 24

7. 21, 42
8. 72, 56
9. 18, 45
10. 80, 70, 50

Section F: Find the Pattern

1. 24, 36
2. 21, 35
3. 32, 40
4. 36, 54
5. 30, 50, 70
6. 36, 24
7. 56, 42, 28
8. 56, 48, 24
9. 72, 54, 36
10. 90, 70, 40

Section G: Word Problems

1. 72 legs
2. 56 days
3. 42 chocolates
4. 54 parts
5. 90 pencils
6. 56 pages
7. 54 chairs
8. 80 seeds

9. 48 slices
10. $63

Section H: Mixed Multiplication Grid Challenge

×	6	7	8	9	10
6	36	**42**	48	**54**	60
7	**42**	49	**56**	63	**70**
8	48	**56**	64	**72**	80
9	**54**	63	**72**	81	**90**
10	60	**70**	80	**90**	100

Section I: True or False

1. T
2. F (correct answer: 72)
3. T
4. F (correct answer: 54)
5. T
6. T
7. F (correct answer: 49)
8. T
9. T
10. F (correct answer: 100)

Section J: Advanced Challenge

1. 8

2. 8
3. 56, 56, Yes (they are the same - commutative property!)
4. 62
5. 71
6. 72
7. 40
8. 58
9. 30
10. 49

Comments: