MULTIPLICATION

The 9 times table

Name _____ Date _____

I can say the 9 times table and use it.

1 Learn the facts

Say each one out loud.

9 × 1 =	9	9 × 7 =	63
9 × 2 =	18	9 × 8 =	72
9 × 3 =	27	9 × 9 =	81
9 × 4 =	36	9 × 10 =	90
9 × 5 =	45	9 × 11 =	99
9 × 6 =	54	9 × 12 =	108

Trick

From 9 × 1 to 9 × 10, the two digits of the answer add up to 9: 9 × 4 = 36, and 3 + 6 = 9.

2 Count in 9s

9 — 18 — 27 — 36 — 45 — 54 — 63 — 72 — 81 — 90 — 99 — 108

3 Where do you see 9s?

A baseball team has 9 players on the field.



3 groups of 9: 3 × 9 = 27

How did I do? ☆ ☆ ☆

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Practice the 9 times table

Name _____ Date _____

I can write the 9 times table in order.

1 Fill in the answers

9 × 1 = ☐	9 × 5 = ☐	9 × 9 = ☐
9 × 2 = ☐	9 × 6 = ☐	9 × 10 = ☐
9 × 3 = ☐	9 × 7 = ☐	9 × 11 = ☐
9 × 4 = ☐	9 × 8 = ☐	9 × 12 = ☐

2 Count in 9s and fill the gaps

9, 18, ☐, ☐, 45, 54, ☐, ☐, 81, ☐, 99, ☐

3 Find the missing number

9 × ☐ = 108	☐ × 9 = 63	9 × ☐ = 72
☐ × 9 = 99	9 × ☐ = 54	☐ × 9 = 45

Use the 10s: 9 × 6 is 10 × 6 (60) minus 6, so 54.

How did I do? ☆ ☆ ☆

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Mixed 9 times table facts

Name _____ Date _____

I can answer 9 times table facts in any order.

1 Mixed facts

Try the ones you know first.

1. 9 × 7 = ☐
2. 6 × 9 = ☐
3. 9 × 8 = ☐
4. 8 × 9 = ☐
5. 10 × 9 = ☐
6. 4 × 9 = ☐
7. 1 × 9 = ☐
8. 9 × 1 = ☐
9. 9 × 9 = ☐
10. 9 × 5 = ☐
11. 9 × 4 = ☐
12. 9 × 2 = ☐
13. 9 × 11 = ☐
14. 9 × 12 = ☐
15. 12 × 9 = ☐
16. 3 × 9 = ☐
17. 11 × 9 = ☐
18. 9 × 3 = ☐
19. 9 × 10 = ☐
20. 9 × 6 = ☐

2 Solve in columns

6	8	5	9	10	12
× 9	× 9	× 9	× 9	× 9	× 9
☐	☐	☐	☐	☐	☐

3 Circle the numbers in the 9 times table

18	72	90	59	69	63	108	44	27	45
101	36	74	4	80	81	50	9	65	102

How did I do? ☆ ☆ ☆

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9 times table word problems

Name _____ Date _____

I can use the 9 times table to solve problems.

1 Count the groups



☐ groups of ☐ = ☐

☐ × ☐ = ☐



☐ groups of ☐ = ☐

☐ × ☐ = ☐

2 Word problems

Write the multiplication, then the answer.

1 A baseball team has 9 players on the field. How many players are on the field for 8 teams?

☐ × ☐ = ☐

2 Sam puts 9 stickers in each page. Sam fills 3 pages. How many stickers is that?

☐ × ☐ = ☐

3 A baseball team has 9 players on the field. There are 90 players on the field. How many baseball teams are playing?

☐ × ☐ = ☐

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: 9 times table

1 Practice in order (page 2)

9 × 1 = 9, 9 × 2 = 18, 9 × 3 = 27, 9 × 4 = 36, 9 × 5 = 45, 9 × 6 = 54, 9 × 7 = 63, 9 × 8 = 72, 9 × 9 = 81, 9 × 10 = 90, 9 × 11 = 99, 9 × 12 = 108

Gaps: 27, 36, 63, 72, 90, 108. Missing numbers: 12, 7, 8, 11, 6, 5.

2 Mixed facts and columns (page 3)

1) 63 2) 54 3) 72 4) 72 5) 90 6) 36 7) 9 8) 9 9) 81 10) 45 11) 36 12) 18 13) 99 14) 108 15) 108 16) 27 17) 99 18) 27 19) 90 20) 54

Columns: 6 × 9 = 54, 8 × 9 = 72, 5 × 9 = 45, 9 × 9 = 81, 10 × 9 = 90, 12 × 9 = 108.

In the 9 times table (circle these): 18, 72, 90, 63, 108, 27, 45, 36, 81, 9.

3 Pictures and word problems (page 4)

3 groups of 9 = 27, 3 × 9 = 27. 2 groups of 9 = 18, 2 × 9 = 18.

1) 8 × 9 = 72

2) 3 × 9 = 27

3) 10 × 9 = 90, so 10

4 Teaching notes

Order does not change the answer: 9 × 4 = 4 × 9. Children who know one fact know two.

Practice a little every day: say the table, then mixed facts, then problems. Speed comes after the facts make sense.

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