

What is the missing factor?

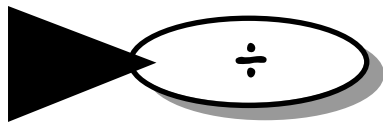
Rows	Columns											
	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36

A multiplication chart can help you find a missing factor.

$$2 \times \underline{\quad} = 24 \quad 2 \times \underline{12} = 24$$

Directions: Use the chart on page 5 to help you find the missing factors.
(For problems 37–45 both blanks represent the same number.)

1. $8 \times \underline{\quad} = 56$
2. $7 \times \underline{\quad} = 42$
3. $6 \times \underline{\quad} = 72$
4. $5 \times \underline{\quad} = 45$
5. $6 \times \underline{\quad} = 48$
6. $5 \times \underline{\quad} = 60$
7. $3 \times \underline{\quad} = 18$
8. $4 \times \underline{\quad} = 32$
9. $7 \times \underline{\quad} = 70$
10. $9 \times \underline{\quad} = 45$
11. $7 \times \underline{\quad} = 84$
12. $12 \times \underline{\quad} = 60$
13. $\underline{\quad} \times 6 = 48$
14. $\underline{\quad} \times 9 = 72$
15. $\underline{\quad} \times 4 = 44$
16. $\underline{\quad} \times 5 = 35$
17. $\underline{\quad} \times 6 = 36$
18. $\underline{\quad} \times 11 = 55$
19. $\underline{\quad} \times 8 = 64$
20. $\underline{\quad} \times 3 = 3$
21. $\underline{\quad} \times 10 = 90$
22. $\underline{\quad} \times 6 = 66$
23. $\underline{\quad} \times 4 = 36$
24. $\underline{\quad} \times 7 = 63$
25. $32 = 4 \times \underline{\quad}$
26. $36 = \underline{\quad} \times 4$
27. $64 = \underline{\quad} \times 8$
28. $88 = 8 \times \underline{\quad}$
29. $\underline{\quad} \times 7 = 28$
30. $3 \times \underline{\quad} = 36$
31. $8 \times \underline{\quad} = 72$
32. $20 = \underline{\quad} \times 5$
33. $5 \times \underline{\quad} = 60$
34. $\underline{\quad} \times 12 = 96$
35. $56 = \underline{\quad} \times 8$
36. $48 = \underline{\quad} \times 12$
37. $9 = \underline{\quad} \times \underline{\quad}$
38. $\underline{\quad} \times \underline{\quad} = 36$
39. $\underline{\quad} \times \underline{\quad} = 100$
40. $\underline{\quad} \times \underline{\quad} = 144$
41. $25 = \underline{\quad} \times \underline{\quad}$
42. $16 = \underline{\quad} \times \underline{\quad}$
43. $121 = \underline{\quad} \times \underline{\quad}$
44. $4 = \underline{\quad} \times \underline{\quad}$
45. $49 = \underline{\quad} \times \underline{\quad}$



Answer Key

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Sample: 70, 60, 50,
40, 30, 20, 10

- 21, 18, 15, 12,
9, 6, 3
- 35, 30, 25, 20,
15, 10, 5
- 32, 28, 24, 20,
16, 12, 8, 4
- 72, 63, 54, 45,
36, 27, 18, 9
- 72, 60, 48, 36,
24, 12

first column: 56, 40,
32, 24, 16, 8

second column: 49,
42, 35, 28, 21, 14, 7

third column: 88, 77,
66, 44, 33, 22, 11

fourth column: 80, 70,
60, 50, 40, 30, 20, 10

fifth column: 8, 6, 5,
4, 3, 2, 1

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- 2, 3, 5
- 2, 5
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- 12 x 12
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- 4 x 4
- 11 x 11
- 2 x 2
- 7 x 7

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- 5 R1
- 7 R1
- 3 R1
- 5 R1
- 3 R1
- 6 R1
- 9 R1
- 8 R1
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- 9 R1
- 4 R3
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- 6 R3
- 5 R4
- 4 R5
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- 9 R4
- 5 R7
- 9 R3
- 6 R7
- 7 R6
- 4 R6

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- 6 R5
- 9 R4
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- 9 R5
- 7 R2
- 8 R3
- 9 R8
- 4 R3
- 6 R5

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- 3 R8
- 5 R3
- 9 R3
- 4 R6
- 8 R3
- 2 R4
- 3 R2
- 6 R5
- 4 R4
- 4 R1
- 5 R8

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- 80
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- 50

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- 6 R3
- 6 R1
- 5 R1
- 7 R1
- 8 R1
- 6 R1
- 9 R4
- 9 R2
- 7 R3
- 8 R2
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- 9 R3
- 5 R3
- 7 R4
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- 9 R2
- 6 R2
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- 14 R2
- 12 R3
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- 11 R2
- 18 R2
- 18 R2
- 26 R1

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- 5 R5
- 9 R4
- 12 R5
- 14 R2
- 14 R2
- 14 R1
- 13 R2
- 11 R2
- 12 R1
- 11 R5
- 17 R4
- 10 R7
- 10 R5
- 15 R3

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- 55 R4
- 51 R1
- 72 R1
- 49 R8
- 85 R2
- 65 R1
- 82 R5
- 72 R1
- 99 R1
- 86 R2
- 78 R2
- 43 R1

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- 81 R6
- 78 R3
- 96 R2
- 91 R3
- 59 R1
- 72 R8
- 67 R7
- 83 R1
- 61 R2
- 81 R3
- 86 R3
- 84 R6
- 80 R4
- 90 R8
- 90 R5

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