

TIMES TABLES 1-12

Completed reference chart / blank-grid answer key

×	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
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Read across from a row factor and down from a column factor. The meeting cell is the product: row 7, column 8 gives 56.

Remember these useful facts:

$$8 \times 0 = 0 \quad 8 \times 1 = 8 \quad 7 \times 8 = 8 \times 7 = 56$$

BLANK TIMES-TABLE GRID

Factors 1-12 | Fill selected rows or the full chart

Name: _____ Date: _____

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

Try a few facts without the reference chart. Explain a strategy if you do not recall a product. Check your entries against page 1.

Facts to revisit: _____

MIXED FACT PRACTICE

Try these away from the chart, then explain your thinking

Name: _____ Date: _____

1. $6 \times 4 =$ _____

My strategy: _____

2. $8 \times 7 =$ _____

My strategy: _____

3. _____ $\times 9 = 54$

My strategy: _____

4. $56 \div 7 =$ _____

My strategy: _____

5. If $10 \times 8 = 80$, then $9 \times 8 =$ _____

My strategy: _____

6. 1-12 extension: $12 \times 11 =$ _____

My strategy: _____

Extra check: $8 \times 0 =$ _____ $8 \times 1 =$ _____

ANSWERS & REASONING

Use this page after attempting the questions

1. 24

6×4 is four groups of six, or six groups of four.

2. 56

$8 \times 7 = (8 \times 5) + (8 \times 2) = 40 + 16$.

3. 6

$6 \times 9 = 54$, so the missing factor is 6.

4. 8

$7 \times 8 = 56$, so $56 \div 7 = 8$.

5. 72

9×8 is one group of eight less than 10×8 : $80 - 8$.

6. 132

$12 \times 11 = (12 \times 10) + 12 = 120 + 12$.

Extra check: $8 \times 0 = 0$; $8 \times 1 = 8$.

If a fact was difficult, choose one related fact you know. Revisit the difficult fact later in a different order. Speed is not the only sign of understanding.