MATH · GRADES 2–6

# Times Tables 1× to 12×

Complete reference card

## 1× to 6× tables

| 1× | 2× | 3× | 4× | 5× | 6× |
|---|---|---|---|---|---|
| 1×1=1 | 2×1=2 | 3×1=3 | 4×1=4 | 5×1=5 | 6×1=6 |
| 1×2=2 | 2×2=4 | 3×2=6 | 4×2=8 | 5×2=10 | 6×2=12 |
| 1×3=3 | 2×3=6 | 3×3=9 | 4×3=12 | 5×3=15 | 6×3=18 |
| 1×4=4 | 2×4=8 | 3×4=12 | 4×4=16 | 5×4=20 | 6×4=24 |
| 1×5=5 | 2×5=10 | 3×5=15 | 4×5=20 | 5×5=25 | 6×5=30 |
| 1×6=6 | 2×6=12 | 3×6=18 | 4×6=24 | 5×6=30 | 6×6=36 |
| 1×7=7 | 2×7=14 | 3×7=21 | 4×7=28 | 5×7=35 | 6×7=42 |
| 1×8=8 | 2×8=16 | 3×8=24 | 4×8=32 | 5×8=40 | 6×8=48 |
| 1×9=9 | 2×9=18 | 3×9=27 | 4×9=36 | 5×9=45 | 6×9=54 |
| 1×10=10 | 2×10=20 | 3×10=30 | 4×10=40 | 5×10=50 | 6×10=60 |
| 1×11=11 | 2×11=22 | 3×11=33 | 4×11=44 | 5×11=55 | 6×11=66 |
| 1×12=12 | 2×12=24 | 3×12=36 | 4×12=48 | 5×12=60 | 6×12=72 |

## 7× to 12× tables

| 7× | 8× | 9× | 10× | 11× | 12× |
|---|---|---|---|---|---|
| 7×1=7 | 8×1=8 | 9×1=9 | 10×1=10 | 11×1=11 | 12×1=12 |

| 7× | 8× | 9× | 10× | 11× | 12× |
|---|---|---|---|---|---|
| 7×2=14 | 8×2=16 | 9×2=18 | 10×2=20 | 11×2=22 | 12×2=24 |
| 7×3=21 | 8×3=24 | 9×3=27 | 10×3=30 | 11×3=33 | 12×3=36 |
| 7×4=28 | 8×4=32 | 9×4=36 | 10×4=40 | 11×4=44 | 12×4=48 |
| 7×5=35 | 8×5=40 | 9×5=45 | 10×5=50 | 11×5=55 | 12×5=60 |
| 7×6=42 | 8×6=48 | 9×6=54 | 10×6=60 | 11×6=66 | 12×6=72 |
| 7×7=49 | 8×7=56 | 9×7=63 | 10×7=70 | 11×7=77 | 12×7=84 |
| 7×8=56 | 8×8=64 | 9×8=72 | 10×8=80 | 11×8=88 | 12×8=96 |
| 7×9=63 | 8×9=72 | 9×9=81 | 10×9=90 | 11×9=99 | 12×9=108 |
| 7×10=70 | 8×10=80 | 9×10=90 | 10×10=100 | 11×10=110 | 12×10=120 |
| 7×11=77 | 8×11=88 | 9×11=99 | 10×11=110 | 11×11=121 | 12×11=132 |
| 7×12=84 | 8×12=96 | 9×12=108 | 10×12=120 | 11×12=132 | 12×12=144 |

## Tricks for the hardest ones

### 9× table — the finger trick

Hold up both hands. To find 9×4: bend down the 4th finger. The fingers to the LEFT (3) are tens, fingers to the RIGHT (6) are ones. So 9×4 = 36. Works for all 9× facts up to 9×10.

### 9× table — the digit sum

All 9× answers have digits that add to 9. 9×3=27 (2+7=9). 9×6=54 (5+4=9). 9×8=72 (7+2=9). Use this to check answers.

### 11× — easy up to 11×9

Just write the digit twice. 11×3=33. 11×7=77. 11×9=99. After that, it changes (11×12=132).

### Squares — learn just one set

1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144 — the diagonal of the times table grid. Once you know these, harder facts fall into place.

### Doubling — 4× and 8×

If you know 2×, then 4× is just doubling. 4×7 = double 14 = 28. Then 8× is doubling again: 8×7 = double 28 = 56.

### The hardest fact

Most children find 7×8 hardest. Memory trick: 5,6,7,8 — 56 = 7×8. The numbers 5,6,7,8 are in order. Once you see this, you never forget it.

## How to use this card

Print double-sided on card. Laminate. Give one to every child. Stick to the inside of their math book. Reference whenever stuck. BUT — children must still LEARN them, not just look up. The

card is for occasional reference; daily 5-minute practice is what actually builds fluency. Try the Times Tables Trainer tool for that.