PORTSMOUTH CHRISTIAN ACADEMY · MATHEMATICS

Math Fact Fluency at Home

Family resources for building multiplication fact fluency

WHY FACTS MATTER

Quick, accurate recall of multiplication and division facts is the ground beneath fractions, ratios, factoring, and algebra. When a student no longer stops to work out 7 × 8, the mind is free for the reasoning the problem asks. These resources serve any student still building that recall, or needing to refresh it at home.

Where to Practice

Free online drills, timed challenges, and printable worksheets

ONLINE PRACTICE **Math Mammoth**	Customizable drills: pick the tables, set the number of problems, and go timed or untimed. Also offers a self-teaching worktext with word problems. **mathmammoth.com/practice/multiplication**
ONLINE PRACTICE **Math Practice Online**	Free drills on one table or all 144 facts (1 × 1 to 12 × 12) in random order, with instant feedback and streak tracking. Built for younger learners, but useful for any review. **mathpracticeonline.com/multiplication**
ONLINE PRACTICE **Math is Fun: Math Trainer**	High-speed, timed training that adapts to a student's weak spots and shows the correct answer after each mistake. Best in short, frequent sessions. **mathsisfun.com/numbers/math-trainer-multiply.html**
TIMED CHALLENGE **Timestables.com 1-Minute Test**	Answer as many facts as possible in sixty seconds, on one table or several. Instant feedback and points make it ideal for building speed. **timestables.com/1-minute-test**
PRINTABLE WORKSHEETS **Math-Drills.com**	Single and mixed tables, 10 × 10 and 12 × 12 grids, blank tables for self-testing, and left-handed versions. Ideal for practice away from screens. **math-drills.com/multiplication.php**

Tips for Effective Practice

1. **Start with easier tables** (2s, 5s, 10s) before moving to harder ones.
2. **Mix tables gradually** to build fluency across them.
3. **Use timed drills** to strengthen recall speed.
4. **Track progress** to see which facts need more attention.
5. **Combine screens and paper.** Pair online drills with printed worksheets.
6. **Keep it short and steady.** Ten minutes, several times a week, outlasts a long cram.

Games to Play at Home

Family game night counts. Each game below builds number sense or reasoning and gives you a reason to sit at the table together.

QUICK-PLAY MATH GAMES

Math-Tac-Toe · mental math with dice
amazon.com/dp/B0BGRCYXV3

Number Hunter · multiplication & division
amazon.com/dp/B0GZZV673S

Matheroni Pepperoni · multiplication & division
amazon.com/dp/B0FJ7NDBVK

Adsumudi · all four operations
amazon.com/dp/B08M457BRR

FAMILY CLASSICS

Yahtzee · addition, multiplication, probability
amazon.com/dp/B00B28GVLG

The Game of Life · money and decisions
amazon.com/dp/B06XY48MK1

Monopoly · with paper money, not a digital card
amazon.com/dp/B0B5HLZ8T4

Battleship · coordinate grids
amazon.com/dp/B09D4QRJ8Y

Clue · deductive reasoning
amazon.com/dp/B0B5FLTTT5

A WORD TO PARENTS

Fluency grows the way most good things grow: through small, faithful practice over time. Sit with your student, celebrate progress, and keep it joyful. Questions? Please reach out to your student's math teacher.

"One who is faithful in a very little is also faithful in much." **LUKE 16:10**