

Challenge 2 Sheet Mystery Times Tables

These times tables are a mystery. Each digit has been replaced by a letter and the order of the times tables has been jumbled up!

Can you work out which digit each letter stands for? There are two sets of times tables for you to complete.

Try to spot patterns in the digits so you can rule out certain numbers and rule in others.

Can you work out which times table is the 11 times table or the 1 times table? Does the number of single digit answers help you work out which times table it could be?

Solve the puzzle and record which digit each letter stands for on the challenge sheet.

Times Tables Set 1

$$A = \square \quad B = \square \quad C = \square \quad D = \square \quad E = \square$$

$$F = \square \quad G = \square \quad H = \square \quad J = \square \quad K = \square$$

$$D \times A = A$$

$$H \times A = EJ$$

$$C \times A = EC$$

$$E \times A = JE$$

$$DB \times A = AB$$

$$J \times A = DJ$$

$$K \times A = GB$$

$$DJ \times A = HJ$$

$$F \times A = KE$$

$$A \times A = GA$$

$$G \times A = DC$$

$$DD \times A = AA$$