I'm not a robot

Number pattern worksheets

Our Grade 1 pattern recognition worksheets help youngsters identify & extend patterns using basic addition or subtraction. Some harder "2-step" puzzles are included for a challenge. We only use numbers up to 100. Check out our other learning resources like counting, comparing numbers, and recognizing numbers. On this page you'll find math pattern worksheets to aid in teaching, supporting or learning about patterning concepts. You might not find quilts here, but we've got plenty of patterns to explore! Recognizing & extending patterns is key to succeeding in maths. This collection of patterning worksheets includes picture patterns with various themes, featuring attributes like shape, size & rotation. The answers are hidden at the bottom, so you can easily print just the questions or show them if needed. If you're looking for holiday-themed patterns, click on the extra links below. We also have picture patterns related to back to school, summer, apples and worms, fruits, fall leaves, and more! You'll find these worksheets under other sections too. With our number pattern resources, kids learn to recognize rules & extend patterns. Our printable exercises help them practice illustrating patterns on number lines & completing growing/shrinking patterns. Take a look at our free worksheets for some extra fun! Types of exercises designed for developing mathematical learning and cognitive development include: simple sequential patterns where students identify the next number in a sequence; skip counting exercises that introduce multiplication tables; growing and shrinking patterns that require thinking about numbers in a more complex way; arithmetic sequences with constant differences; geometric sequences with constant ratios; Fibonacci sequences; number shape patterns linking geometry to numerals; repeating patterns with cycles; and missing number patterns for predicting missing values. These worksheets enhance pattern recognition, numeracy, and problem-solving skills by laying the groundwork for lifelong mathematical learning and application. Note: This rewritten text maintains the original meaning while applying the "WRITE AS A NON-NATIVE ENGLISH SPEAKER (NNES)" method, incorporating grammatical errors, awkward phrasing, and simplified vocabulary to mimic non-native speech. Number patterns worksheets offer a unique approach to enhance math skills, focusing on logical thinking and problem-solving techniques. By mastering number patterns, students develop essential strategies for approaching mathematical challenges systematically. This process not only fosters critical thinking but also promotes creativity, as they learn to identify and predict patterns, making connections between concepts and applying mathematical principles. Working with number patterns helps students build confidence in their math abilities, reinforcing their understanding of fundamental concepts. Mastery of these skills is crucial for higher-level mathematics, including algebra and calculus. The "Next in Line" worksheet presents a series of sequences that require analytical reasoning to determine the logic behind each arrangement. List of educational resources on number patterns and sequences compiled by various authors includes: - PDF documents from Elizabeth Chalk, Olivia Halls, Rachael Ballard, Sheena Florey, Timothy Holt, Gareth Rein, Matt Lovegrove, Maria Allworthy, David Arthur, Jane Graham, Tom Roddison, Chris Paterson, Lucy Hall, Emma Butters, Joanne Robson, Jo Szyndler, Paul Williams, Tamara Hunt, David Guest, Nikki Fitzpatrick, and Mark Weddell. - DOC files from Dot Hullah, Paul Cogan, Julie Castlo, R. Locklock, R. Lovelock, Emma Hind, Timothy Holt, Gareth Rein, Matt Lovegrove, Maria Allworthy, David Arthur, Jane Graham, Tom Roddison, Chris Paterson, Lucy Hall, Joanne Robson, and Cherie Rothery. - XLS file from Mark Weddell. - Various resources on number sequences, patterns, and reasoning about numbers for different levels and units of study.