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For 9 - 12 years Maths Problem Solving Techniques

Eight problem solving strategies and practice activities for the primary classroom.

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Answers

62



Strategy 3: Using a Table or Chart - Practice Sheets

Practice Problem 1

Jenny and Johnny are six and eight years old respectively. As you can see, the sum of these birthdays add up to 14. How old will Johnny be when the sum of their ages is 28?



Practice Problem 2

A factory worker is bored with his job, so he decides to make it more interesting while filling his 30 bottles of cordial. He decides to put the lid on every fourth bottle, the flavour in every fifth and the label on every sixth bottle. If he started at the 1st bottle, how many bottles would have:



Practice Problem 1 Study these patterns carefully and fill in the next three numbers.
▲ 1, 3, 5, 7, 9,,
▲ A, C, E, G,,,
▲ 6, 10, 8, 12,,,
▲ 2, 4, 7, 11,,,, ·
Dreatice Broklam 2
Supply answers that follow these word patterns.
Ant, Butterfly, Caterpillar,,,,
▲ John, Ken, Leon,,,,,
▲ Denmark, Egypt, France,,,,,,,
▲ Allan, Cindy, Edward, Gloria,,,,,
Practice Problem 3
each day. On day one he paints three, on day two he paints five, on day three he paints 8, day
four he paints 12 and so on. On what day will he paint more than 32?
How many days will it take to paint over 150 slabs in total?
Practice Problem 4
Supply the next three numbers or words in these sequences.
▲ 1000, 520, 280, 160,,,
▲ a, at, all, arms,,,
▲ 3, 6, 11, 6, 19,,,
▲ 3, 6, 4, 7, 5,,,

Strategy 6: Kinaesthetic/Real Objects - Practice Sheets



