



Gordon Burgin's Puzzles

August 2019 challenge

MIND-Xpander maths puzzles

1. How many hours will a car traveling at 45 mph take to catch up with another car travelling at 30 mph if the slower car starts one hour before the faster car?
2. A student needs at least 95% average to receive a grade A. On the first 3 tests, the student averaged 92%. What must the student average on the last 2 tests to receive a grade of A?
3. Using all the digits from 1 to 9, can you form three, three-digit numbers. so that the third number is three times greater than the first and the second number equals the third minus the first? (Example: 219, 438, 657 and there are several additional solutions)

SQUARE-Sums puzzles

The four numbers outside the nine circles represent the sum of the numbers in the four surrounding circles. The numbers in the circles can only be 1 to 9 and each number can be used only once. Three numbers have been provided to get you started. Find the remaining six numbers.

