Which column comes next in the series? Such questions are often used in measures of general intelligence. Jeremy Gray and colleagues report that individuals who score high on a test of general fluid intelligence also show increased fMRI activity in brain areas involved in attention, including the lateral prefrontal cortex. This correlation was apparent only when participants were performing a demanding memory task. Therefore, individual differences in general intelligence might depend in part on differences in neural systems involved in the control of attention. (The correct answer is A.) See pages 207 and 316.

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