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**Colorful thoughts.** Synesthesia takes many forms. Those who experience it may see numbers in color, or they may see colors when they think about numbers. In one example, the person sees the digits 1 to 9 in an arc, hovering in the air in front of her. Others experience colors corresponding to different audible tones. Given the plethora of forms, and the fact that they are highly individualized, what are the common principles defining these experiences? On page **36** of this issue, Peter Grossenbacher and Christopher Lovelace draw together the evidence on the various types and characteristics, rationalizing them into a coherent cognitive and physiological theory of the mechanisms that underlie synesthesia. Cover design by Geraldine Woods.

## Forthcoming articles

**Interactions between language and space** by Anjan Chaterjee

**Functional MRI and cognitive dysfunction in schizophrenia** by Rachel Mitchell, Rebecca Elliott and Peter Woodruff

**Cognitive architecture of a mini-brain: the honeybee** by Randolph Menzel and Martin Giurfa

**Connectionist psycholinguistics: capturing the empirical data** by Morten Christiansen and Nick Chater

**Adaptive resonance: an emerging neural theory of cognition** by Gail Carpenter

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