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This month's "free sample" is:

**4002.** *Proposed by Kimberly D. Apple and Eugen J. Ionascu.*

Suppose the faces of a regular icosahedron are coloured with blue or yellow in such a way that every blue face shares an edge with at most one other blue face. What is the maximum possible number of blue faces?

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**4002.** *Proposé par Kimberly D. Apple and Eugen J. Ionascu.*

Supposons que les faces d'un icosaèdre sont colorées bleu ou jaune de façon à ce que toute face bleue partage une arête avec au plus une autre face bleue. Quel est le nombre maximum possible de faces bleues?

