



Problem of the Week

Problem C

Two Bricks

Dhvanil has a large number of cards. On the back of each card there is either a honeycomb pattern (hexagons) or a brick pattern (rectangles). On the front of each card there is either a 1 or a 2. As Dhvanil went through all the cards, he found that 30% of the cards have a honeycomb pattern on the back. Of the cards with a brick pattern on the back, 80% have a 1 on the front.

Determine the percentage of all the cards that have a brick pattern on the back and a 2 on the front.

