

Chapter 21. Real or fake sequences?

Students should be on tables of at least four. Each student is given two strips as printed below. On the first strip, they write in T or H underneath each number, pretending they are flipping a coin and writing either T if a Tail, or H if a Head. Then write 'fake (lightly) on the back of the strip. For the second strip, flip a real coin 20 times, and write in each box T if a Tail, H if a Head. Write 'real' (lightly) on the back of the strip.

Each table should now have at least 8 strips. Swap these with another table, face up so they cannot see which are the real and which the fake sequences. Each table should then sort the strips into piles according to whether they think the sequences are real or fake. When instructed, turn them over and reveal the truth.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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