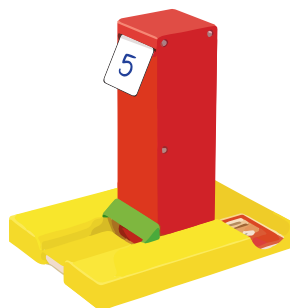


4 FLIP CHUTE CHALLENGE

- a Flip or Smart Chute
- a set of 6 blank cards that will fit the openings of the chute
- 2 different coloured felt pens or coloured pencils



- 1 Decide on a number your chute will add to, subtract from, multiply or divide by. Use this chosen operation for **all** the cards you make.



Your teacher will tell you how many cards to make.

- 2 Use your chosen operation on this 'input' number to find the answer.

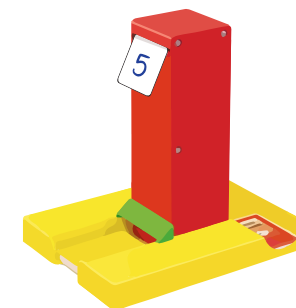
- 3 Use **one pen colour** to write an 'input' number on one side of each piece of card.
- 4 Use **another pen colour** to write the 'output' answer for each input on the **other side** of the card.
- 5 Swap your set of cards with a partner.
- 6 Play by putting cards with the input 'face up' into the machine. Look to see the number that comes out of the machine
- 7 When you think you see a pattern, say the output **before** you let go of the card.
- 8 When you are **sure** of the operation for the set of cards you are using, ask your partner to see if you are correct.



I think it is + 5. Because $5 + 5 = 10$. But it could be ' 2×5 ' so I will need to try another card to be sure.

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