## $\underset{\text { Australian }}{\text { Investigating }} \mathrm{C}$ Oins

## Solutions

Coin coordinates

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Answer: It's Titan, the Mint robot.

## Investigating Australian InS

## Crack the currency code

| A | B | C | D | E | F | G | H | I | J | K | L | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 14 | 1 | 40 | 52 | 6 | 17 | 9 | 36 | 60 | 2 | 13 | 21 | 45 |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 15 | 3 | 31 | 77 | 28 | 11 | 8 | 19 | 84 | 12 | 7 | 56 | 55 |

The Mint can produce up to two million coins a day.
Since nineteen sixty six when decimal currency was introduced in Australia, the Mint has produced more than fifteen billion coins.

## Coin ordering solutions

This circular coin has a milled edge and is made from $75 \%$ copper and $25 \%$ nickel.

It weighs 2.83 g .
It is 19.41 mm in diameter.

## Answer: 5 cent coin

This circular coin has a milled edge and is made from $75 \%$ copper and $25 \%$ nickel.
It weighs 5.65 g .
It is 23.60 mm in diameter.

## Answer: 10 cent coin

This circular coin is made from 75\% copper and $25 \%$ nickel.
It weighs 11.3 g .
It is 28.65 mm in diameter.

## Answer: 20 cent coin

This dodecagonal coin has a plain edge and is made from $75 \%$ copper and $25 \%$ nickel.

It weighs 15.55 g .
It is 31.65 mm in diameter.

## Answer: 50 cent coin

This circular coin has an interrupted milled edge and is made from $92 \%$ copper, $6 \%$ aluminium and $2 \%$ nickel.

It weighs 9 g .
It is 25 mm in diameter.

## Answer: One dollar coin

This circular coin has an interrupted milled edge and is made from $92 \%$ copper, $6 \%$ aluminium and $2 \%$ nickel.
It weighs 6.6 g .
It is 20.5 mm in diameter.

## Answer: Two dollar coin

