



16th September

$$2\frac{1}{2} \times 29$$

$$2 \times 29 = 58$$

$$\frac{1}{2} \text{ of } 29 = \frac{14.5}{72.5} +$$

72.5

$$50 - 5 \times 2^2$$

$$\begin{array}{l} 5 \times 4 \\ 20 \end{array}$$

30

Henrik has 90 centimetre cubes.

He wants to make a cube with edges that are 5cm long.

How many more centimetre cubes does he need?

35


$$5 \times 5 \times 5 = 125$$

$$125 - 90 = 35$$

$10w + 4$

When  $w = 0.1$ , the value of  $10w + 4$  is a prime number because  $10 \times 0.1 + 4 = 5$ Write a value for  $w$  so that  $10w + 4$  is a cube number

64 is cube

$$\text{so } \underline{\underline{w = 6}}$$

20 £1 coins have a mass of 175 grams

Find the mass of 13 £1 coins.

113.75g


$$175 \div 20 = 8.75$$

(1 coin)

$$\times 13 = 113.75$$