## Problems of the Day 2020

I Ron has these digit cards.


He uses two of the cards to make a 2-digit number.

How many even 2-digit numbers can he make?

2 One third of the shape is shaded.
True or false?


3 Tick all the calculations that have an answer greater than 40

$$
43+39 \quad 35-6
$$

$23+28$
$10 \times 7$

$$
24 \div 2
$$

Did you tick any without working them out?

## Problems of the Day 2020

I Ron and Eva each make a 3-digit number from these digit cards.

$$
\text { (3) } 6
$$

- Ron makes the largest even number possible.
- Eva makes the smallest odd number possible.

What is the difference between their numbers?

2 Circle all the fractions that are greater than I but less than 2

$$
\begin{array}{llll}
\frac{12}{5} & \frac{12}{6} & \frac{12}{7} & \frac{12}{8}
\end{array}
$$

3 What fraction of this shape is shaded?


