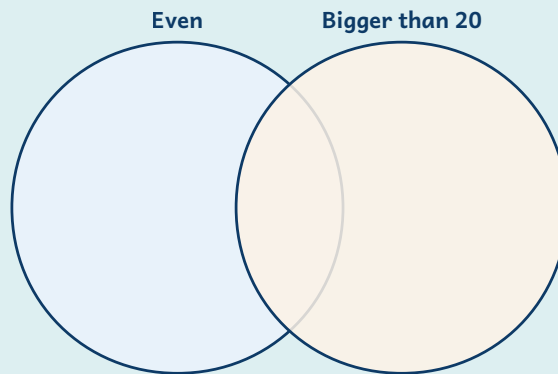


## SORTING A SHADED SQUARE

- 1 Test the rule 'has straight sides': yes so place inside that circle.
- 2 Test the rule 'is shaded': yes so it also belongs in the second circle.
- 3 The item lands in the overlap where both rules are true.

## WARM-UP

Sort the number cards onto the two-circle Venn diagram.



1. Write 24 in the overlap of Even and Bigger than 20
2. Write 15 and 8 in the correct regions for those rules
3. Write 42, 33 and 30 in the regions that match Even and Bigger than 20

## PRACTICE

- 1 In class the Venn hoops are labelled 'is red' and 'has four sides'. A pupil holds up a red pencil.  
Where does a red pencil go?
- 2 The hoops show 'is red' and 'has four sides'. A pupil shows a blue book with four sides.  
Where does a blue book go?
- 3 The class uses hoops for 'has straight sides' and 'is shaded'. A pupil brings a shaded square card.  
Where does a shaded square go?

## ? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- |                                                                                       |                                                                                                     |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| a. An item that matches both rules goes in the overlap. <input type="text"/>          | c. A red square can go in the overlap for rules 'is red' and 'has four sides'. <input type="text"/> |
| b. An item that matches only one rule goes outside both circles. <input type="text"/> | d. The space outside both circles is for items that match neither rule. <input type="text"/>        |

## IRISH FACT

## Counties of Ireland

Ireland has **32 counties** in total — **26** in the Republic and **6** in Northern Ireland — a neat set for sorting by province or by whether they border the sea.

Ordnance Survey Ireland



## REFLECT

Which felt clearer today — the Venn hoops or the Carroll boxes?

