

LEARNING
OBJECTIVE: TO
RECOGNISE
AND SORT
MULTIPLES OF
2, 3, 4, 5 AND
10.

MATHS



Have a go at answering the following maths problems.
Remember to answer in full sentences and use working out to prove your answer.

Whitney says,



8×8 is greater
than two lots of
 4×8

Do you agree?

Can you prove your answer?

Can you find three different ways to complete each number sentence?

$$\underline{\quad} \times 3 + \underline{\quad} \times 3 < \underline{\quad} \div 3$$

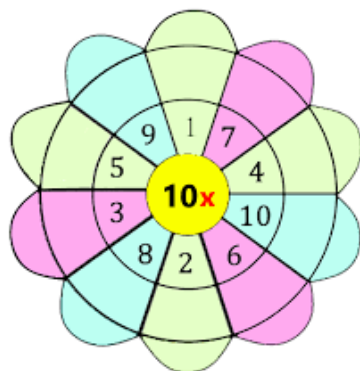
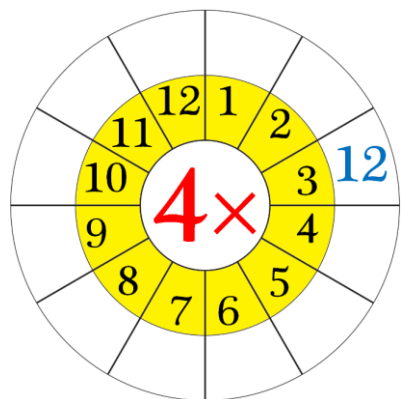
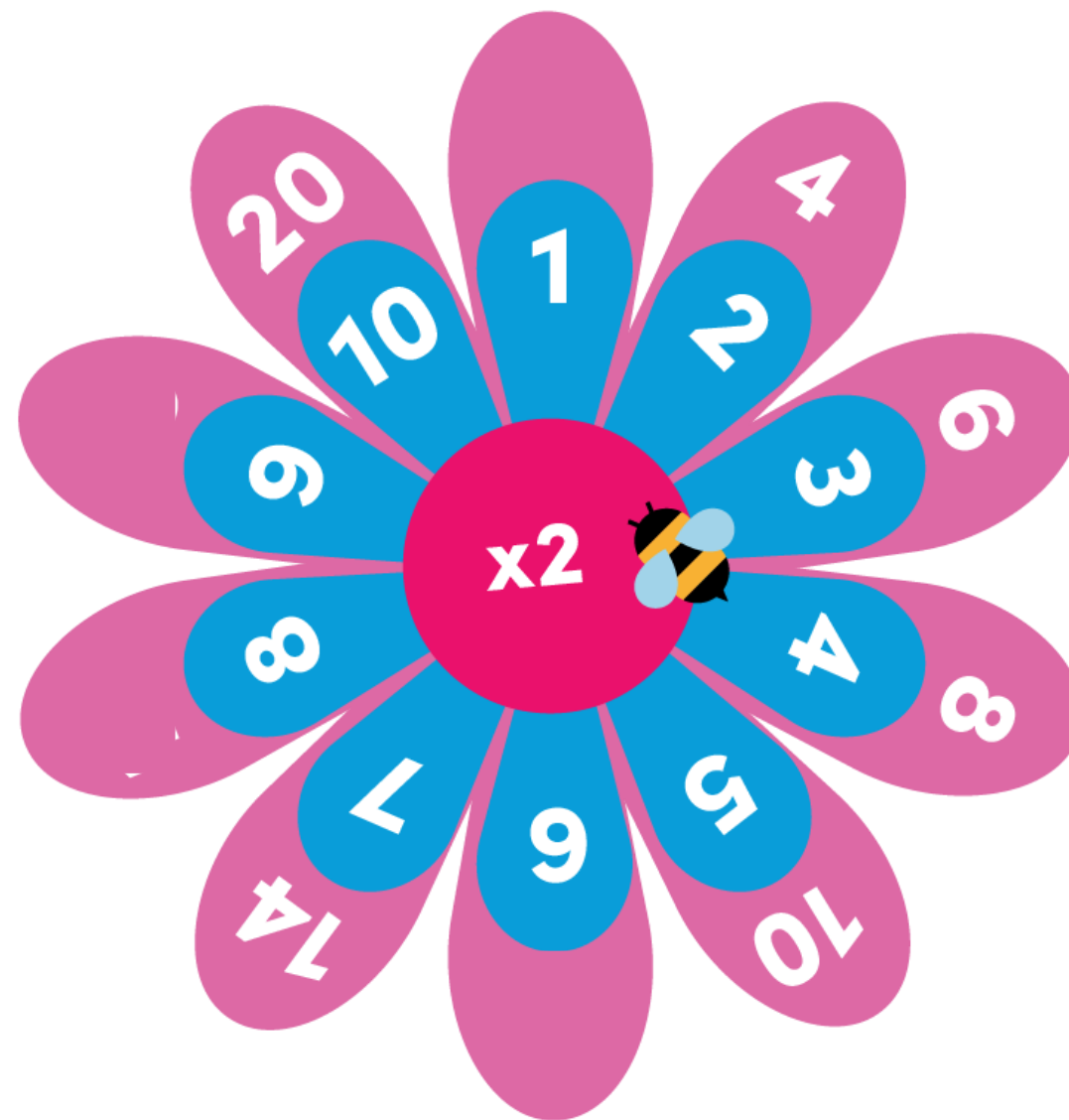
$$\underline{\quad} \div 4 < \underline{\quad} \times 4 < \underline{\quad} \times 4$$

$$\underline{\quad} \times 8 > \underline{\quad} \div 8 > \underline{\quad} \times 8$$

Fill in any of the missing times tables for the 2,3,4,5 and 10 times tables,

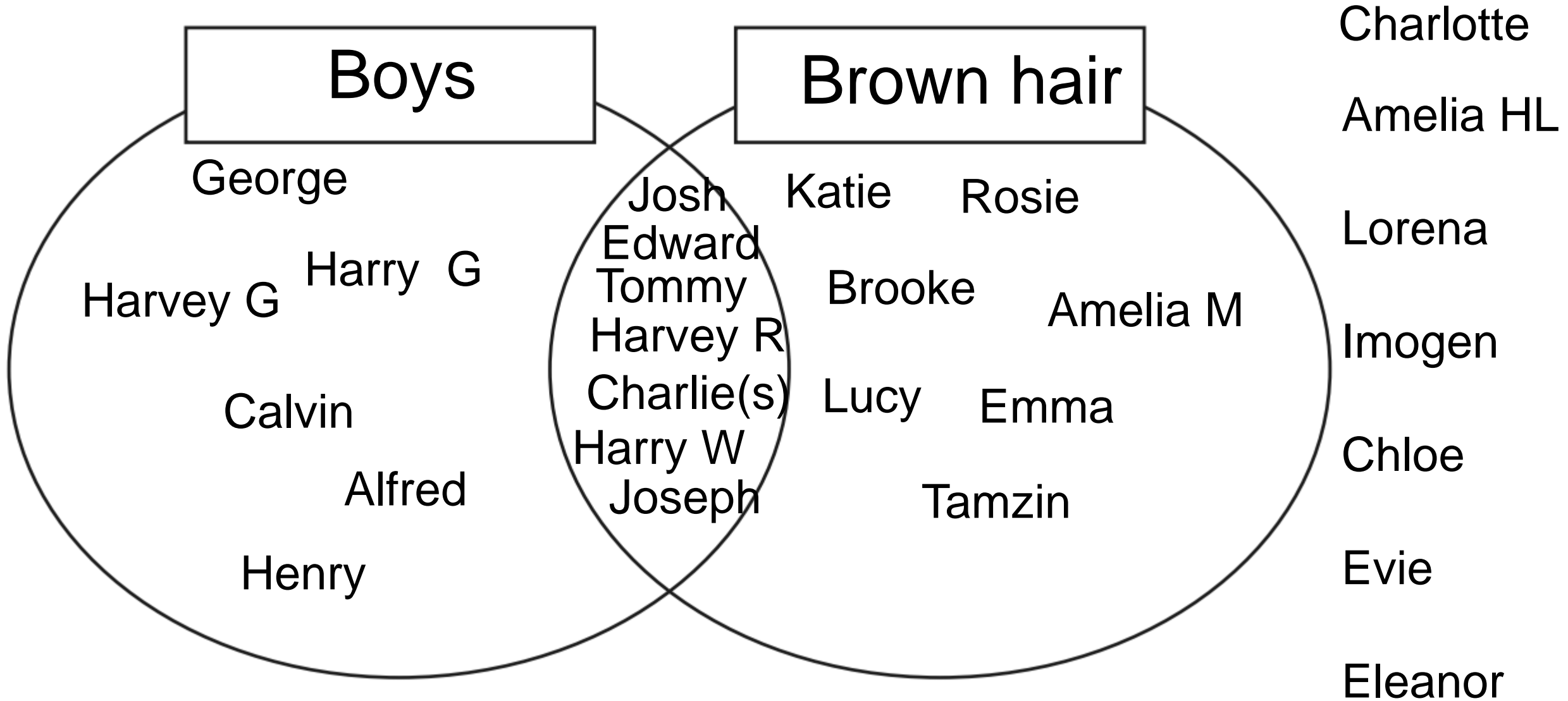
$3 \times 0 = 0$
 $3 \times 1 =$
 $3 \times 2 = 6$
 $3 \times 3 = 9$
 $3 \times 4 = 12$
 $3 \times 5 =$
 $3 \times 6 = 18$
 $3 \times 7 = 21$
 $3 \times 8 = 24$
 $3 \times 9 =$
 $3 \times 10 = 30$

$5 \times 1 = 5$
 $5 \times 2 =$
 $5 \times 3 = 15$
 $5 \times 4 =$
 $5 \times 5 = 25$
 $5 \times 6 =$
 $5 \times 7 = 35$
 $5 \times 8 =$
 $5 \times 9 = 45$
 $5 \times 10 = 50$
 $5 \times 11 = 55$
 $5 \times 12 =$

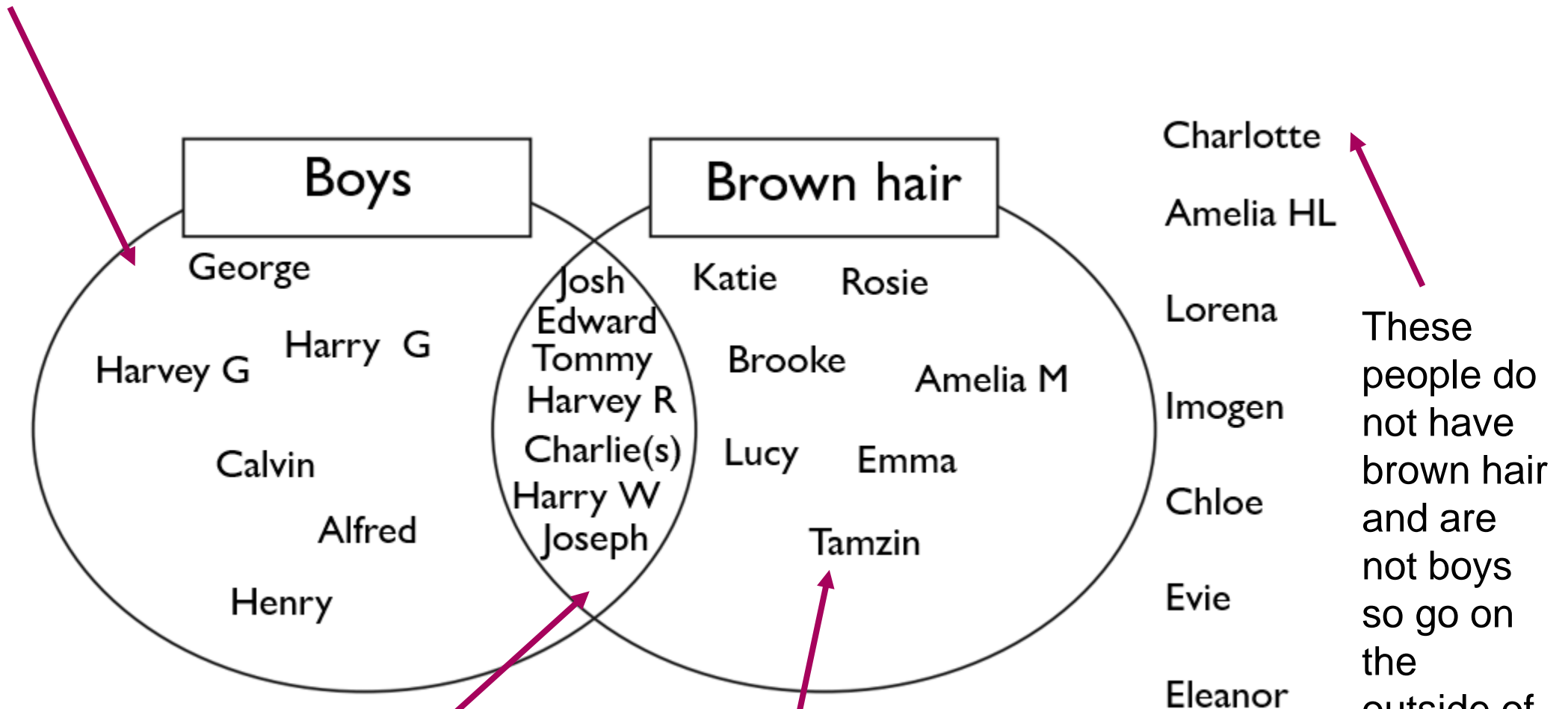


We will be looking at sorting times tables into Venn diagrams. But can you remember what a Venn diagram is?

Look at the example below to remind yourself.



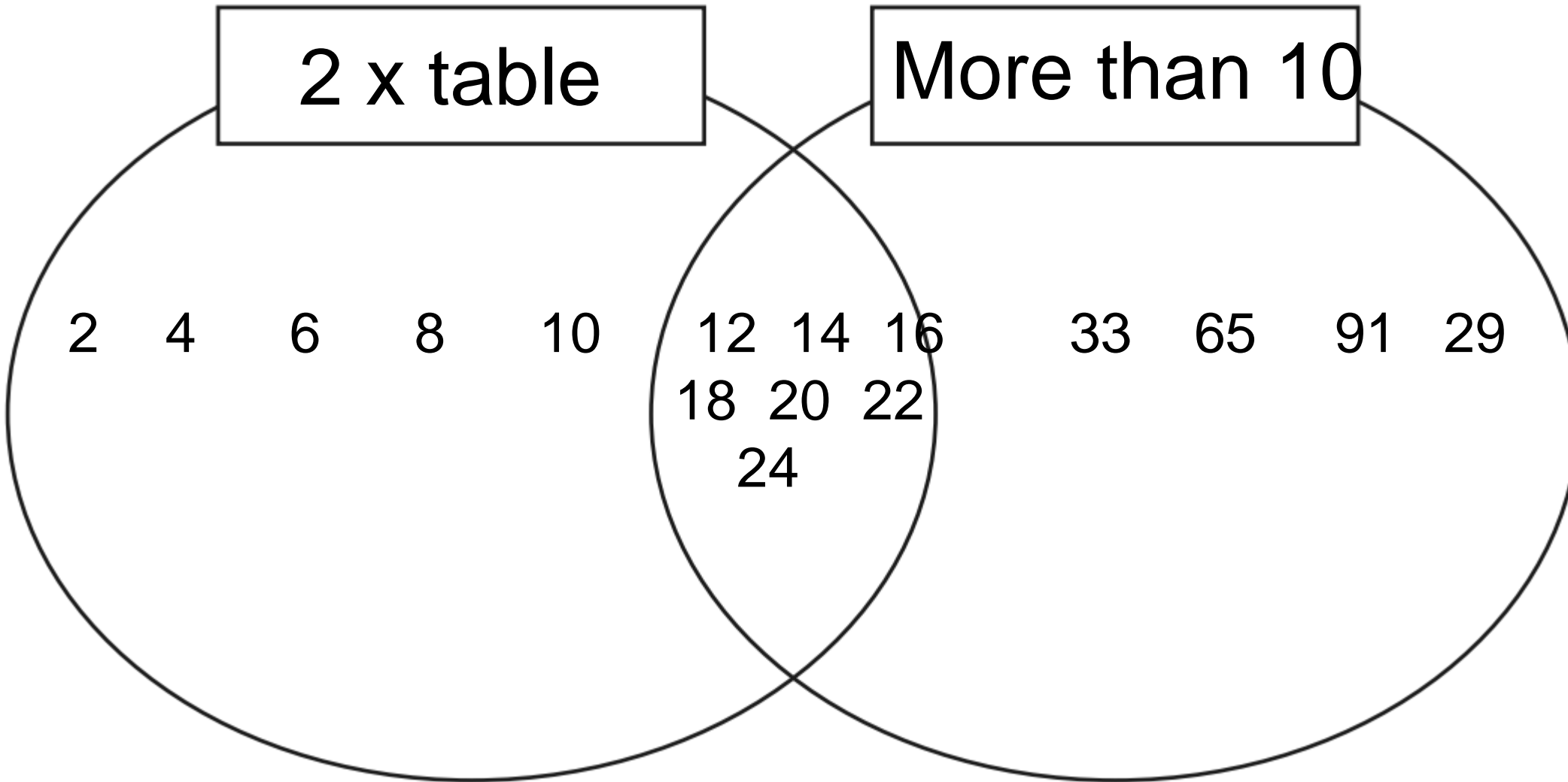
These people are boys but do not have brown hair so are just in the boys part of the diagram.



These people are boys AND have brown hair so go in the middle.

These people have brown hair but are not boys so are just in the brown hair part of the diagram.

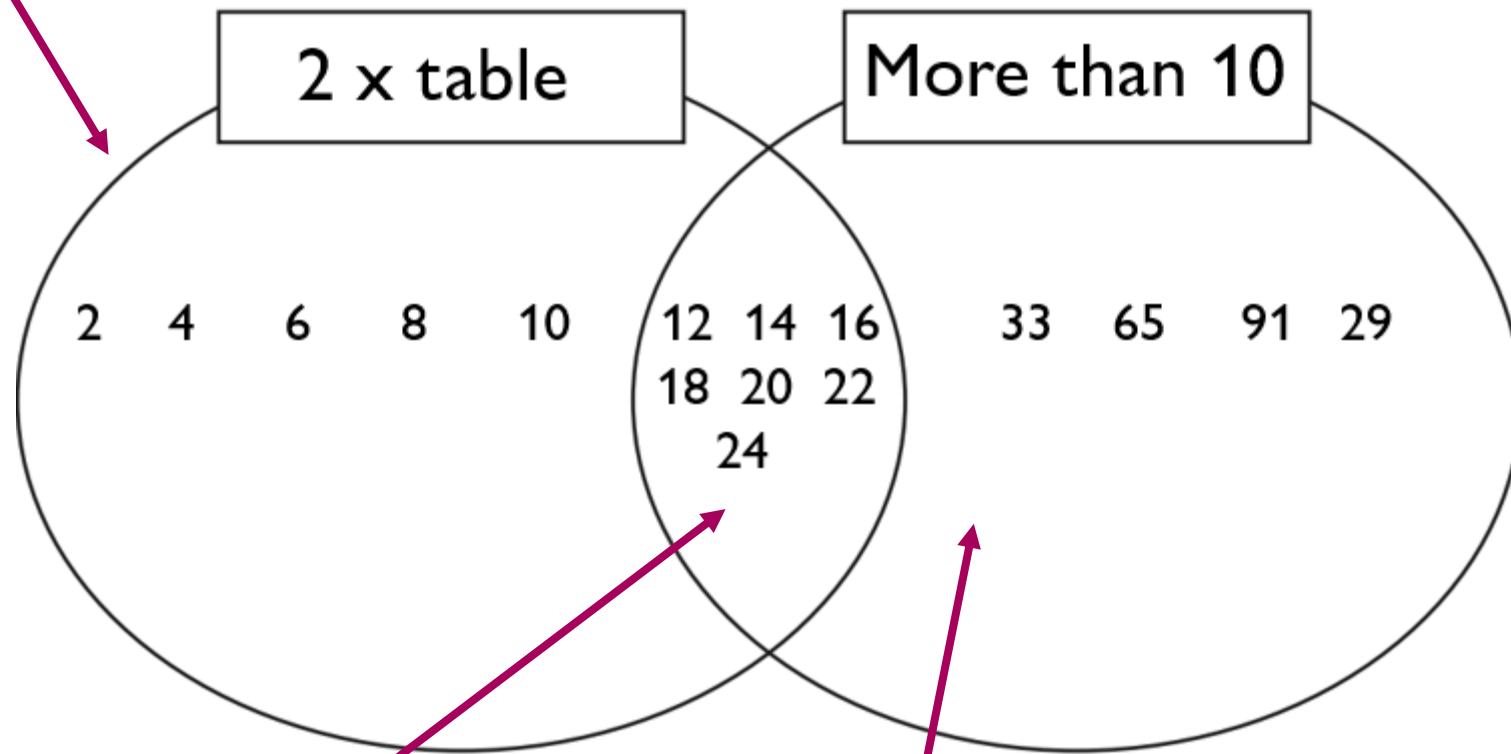
These people do not have brown hair and are not boys so go on the outside of the diagram.



Start by writing out the times table and then sort them.

2, 4, 6, 8,
10, 12,
14, 16,
18, 20,
22, 24

These numbers are in the 2 x table but are not more than 10



These numbers are not in the 2 x table and are not more than 10

1
3
5
7
9

These numbers are in the 2 x table and are more than 10

These numbers are not in the 2 x table but are more than 10