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Here is an 8 by 2 array



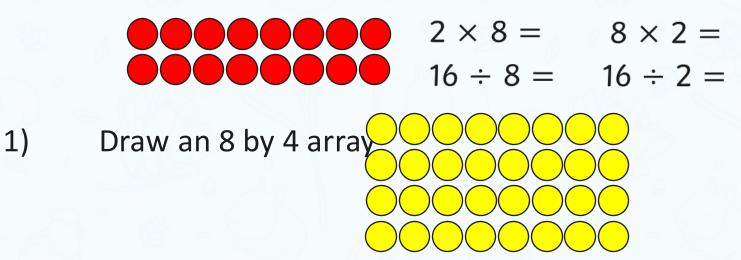
1) Draw an 8 by 4 array

2) How many counters are there in your array?

3) Write 2 multiplication equations to match your array.

4) Write 2 division equations to match your array.

Here is an 8 by 2 array



2) How many counters are there in your array32

3) Write 2 multiplication equations to match your array. $4 \times 8 = 8 \times 4 =$

4) Write 2 division equations to match your array.

Here are 24 flowers.

Have a think





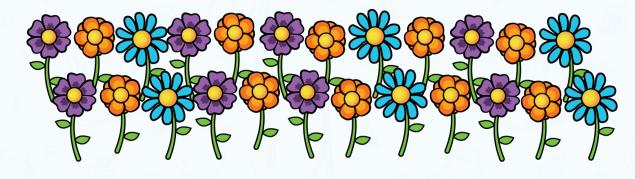
How could we divide the flowers by 8?

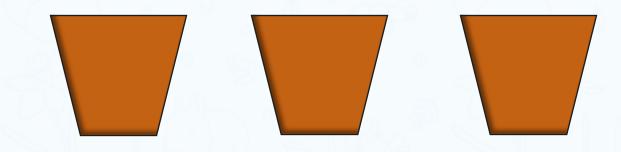
We could share the flowers equally between 8 pots. We could group the flowers into pots of 8

The flowers are shared equally between 8 pots. How many flowers will be in each pot?

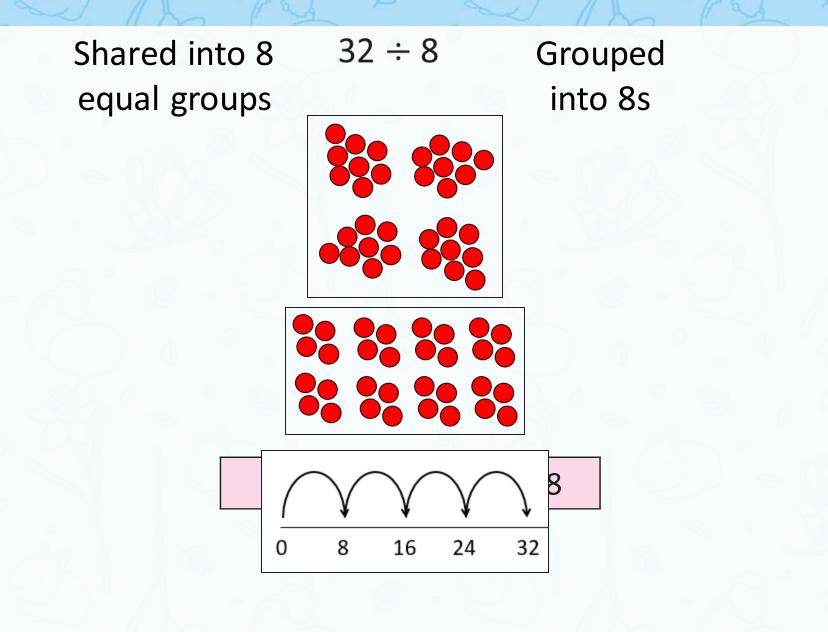


There are 3 flowers in each pot. $24 \div 8 = 3$ The flowers are grouped into pots of 8 How many pots can we fill?





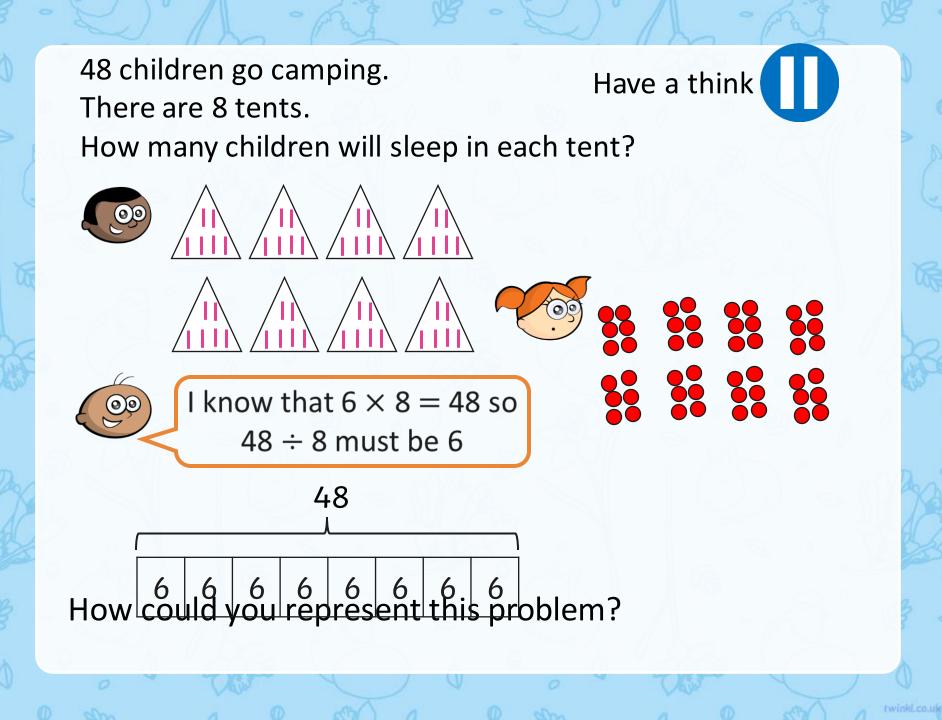
There are 3 pots of 8 $24 \div 8 = 3$

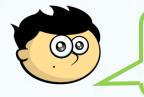


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48 children go camping. Have a think Each tent holds 8 children. How many tents are needed? 1 tent → 8 children 2 tents \rightarrow 16 children 3 tents→ 24 children 4 tents \rightarrow 32 children 8 24 32 40 16 48 5 tents→ 40 children 48 children 8 24 32 40 48 16 0 How could you represent this problem?





To divide by 8, take the number you are dividing and divide it by 2 four times.

 $80 \div 8 = 10$

Have a think

 $80 \xrightarrow{\div 2} 40 \xrightarrow{\div 2} 20 \xrightarrow{\div 2} 10$

÷ 2

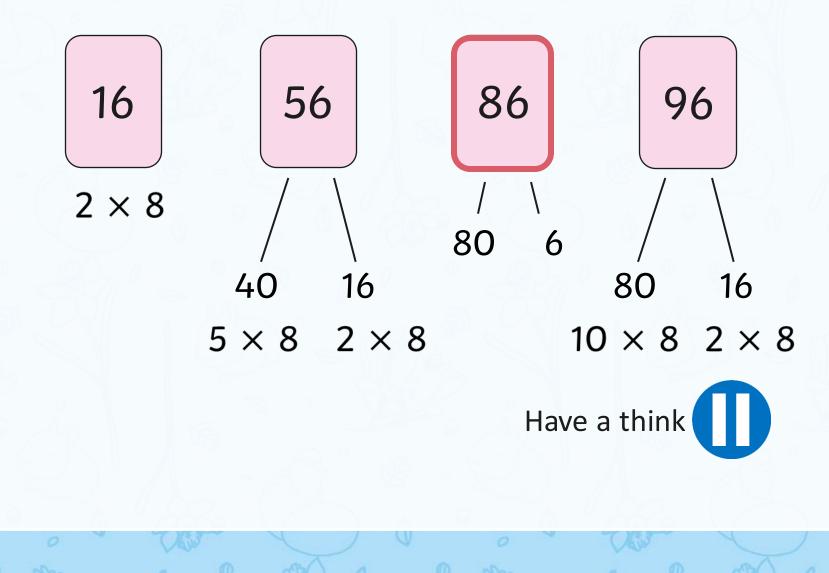
I think you only need to divide by 2 three times.

÷ 2

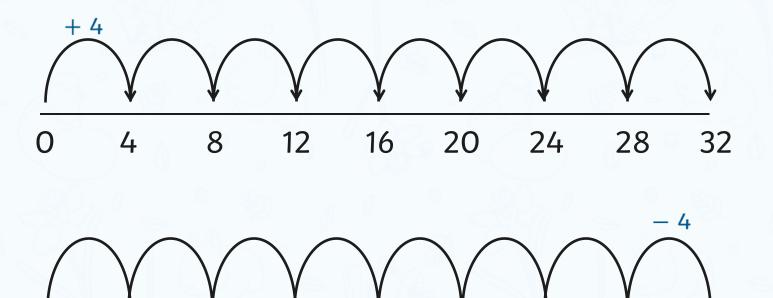


÷ 2

One of these numbers will not divide exactly by 8

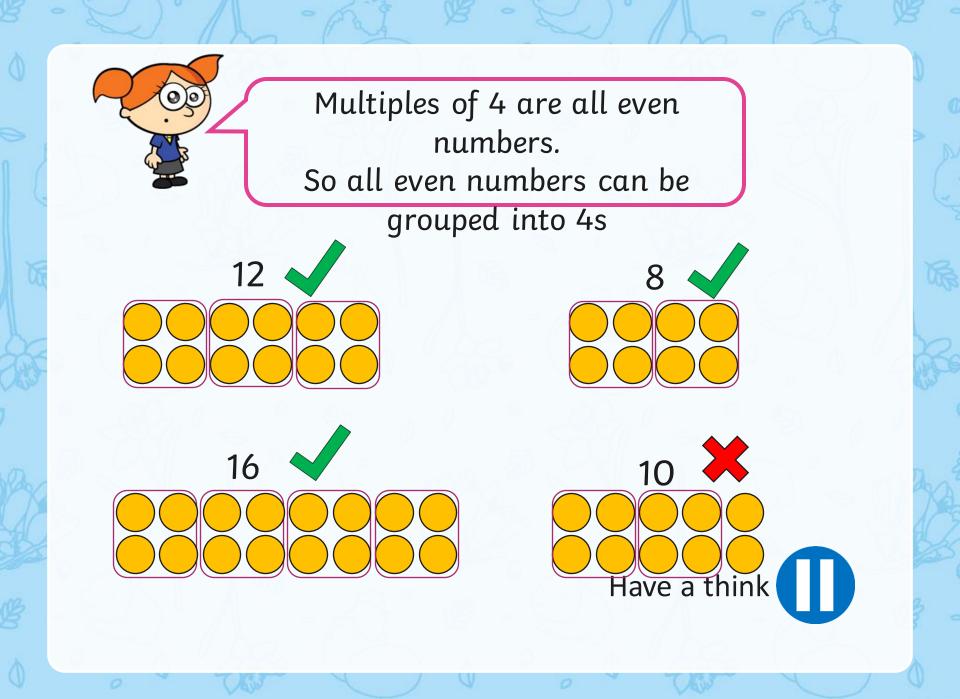


The baker has 32 bread rolls. He puts them into packs of 4 How many packs can he fill?



 $32 \div 4 = 8$

0 4 8 12 16 20 24 28 32



Now complete your work sheet.

Now play Hit the Button game division facts ÷8.

https://www.topmarks.co.uk/maths-games/hit-the-button

