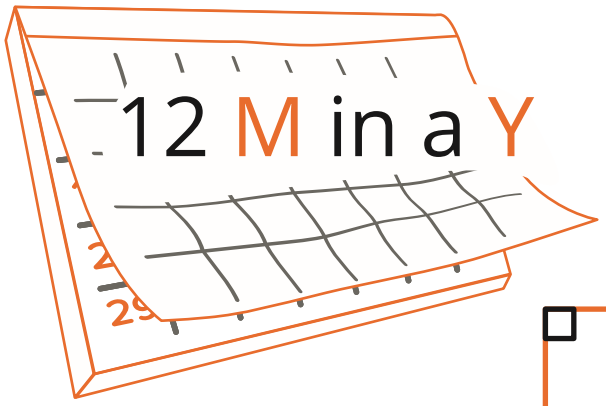
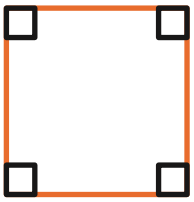
One Minute Challenge 1

If a **P** has 5 **S** stands for
"a **Pentagon** has 5 **Sides**"
What do the following mean?



a P is
used to measure A



a s has 4 RA

60 M in an H

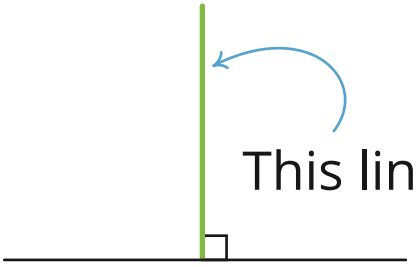
V, X & C
are examples of RN

16,24,32,40 are M of E

1/2

is the N

is the D



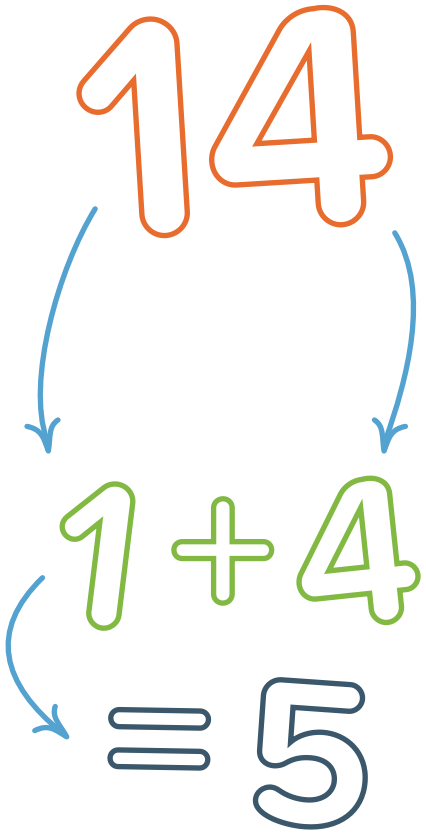
This line is P

Now make up **two** of your own.

Total of 5

I have written a list of different 2 digit whole numbers.

The digits of each number add up to 5.

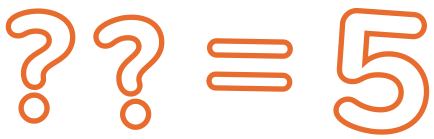


None of the digits is zero

One of my numbers is 14

How many different numbers could I have written down?

Can you write them in order smallest to largest?



The 100 Quiz

Easy – One point each

100 pence =

100cm =

100 years =

The total amount =

Medium – Two points each

What letter represents 100 in Roman Numerals?

√100= ?

True or false; the sum of the first nine prime numbers is 100?

Hard – Three points each

Find all the factors of 100

Show the prime factors of 100

Show the prime factors of 100 in exponential form

Show the number 100 in binary form

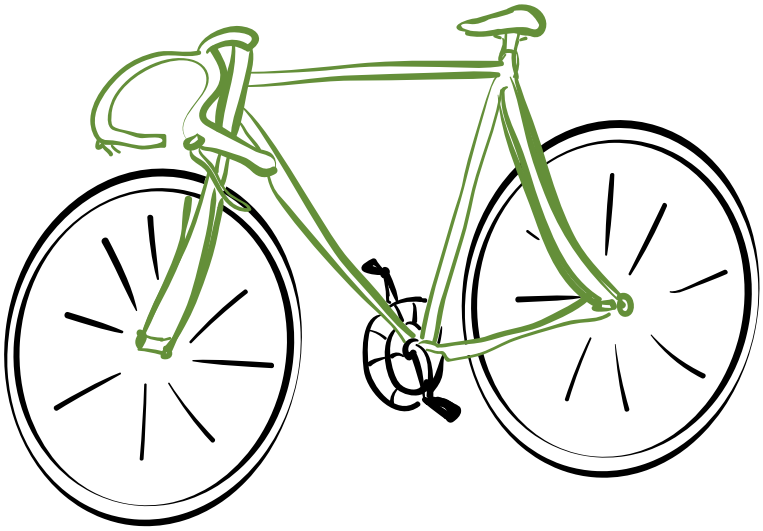
Wheelzr'us

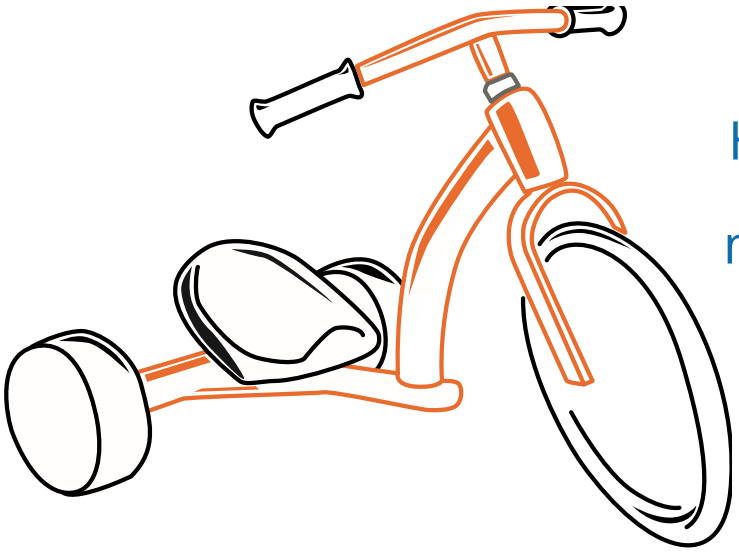
Wheelzr'us has a number of bicycles and tricycles for sale.

Lucy counted a total of

60

wheels.



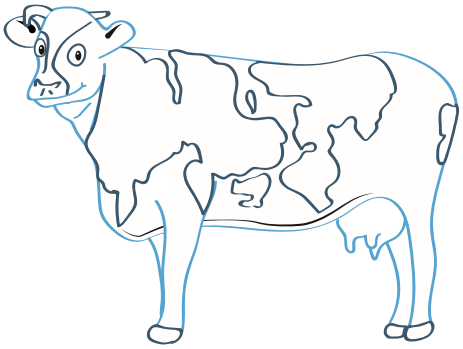


How many bikes and how many trikes were for sale?

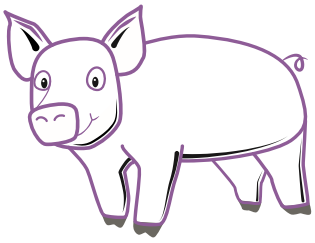
Is there more than one solution?

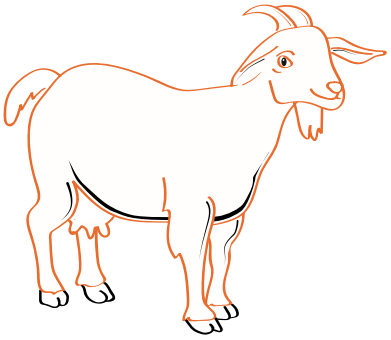
Farmer Bob Goes To Market

Farmer Bob goes to a market where the items are exchanged as shown.



= 5 ×





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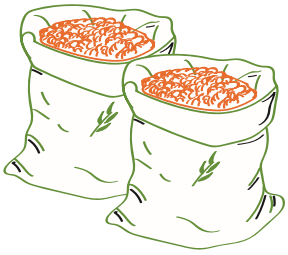
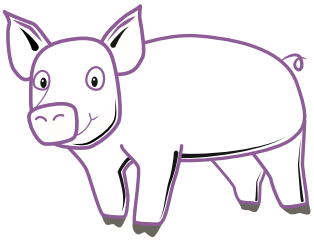


= 3 ×



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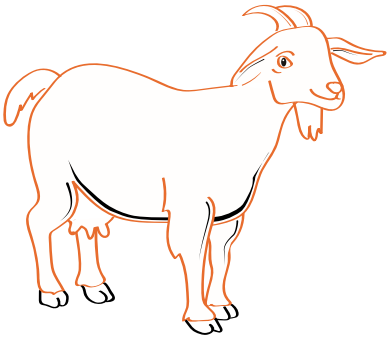


Farmer Bob wants 1 goat, 1 piglet and 1 cow.

What is the minimum number of sacks of grain he must bring to the market?

Four 4s

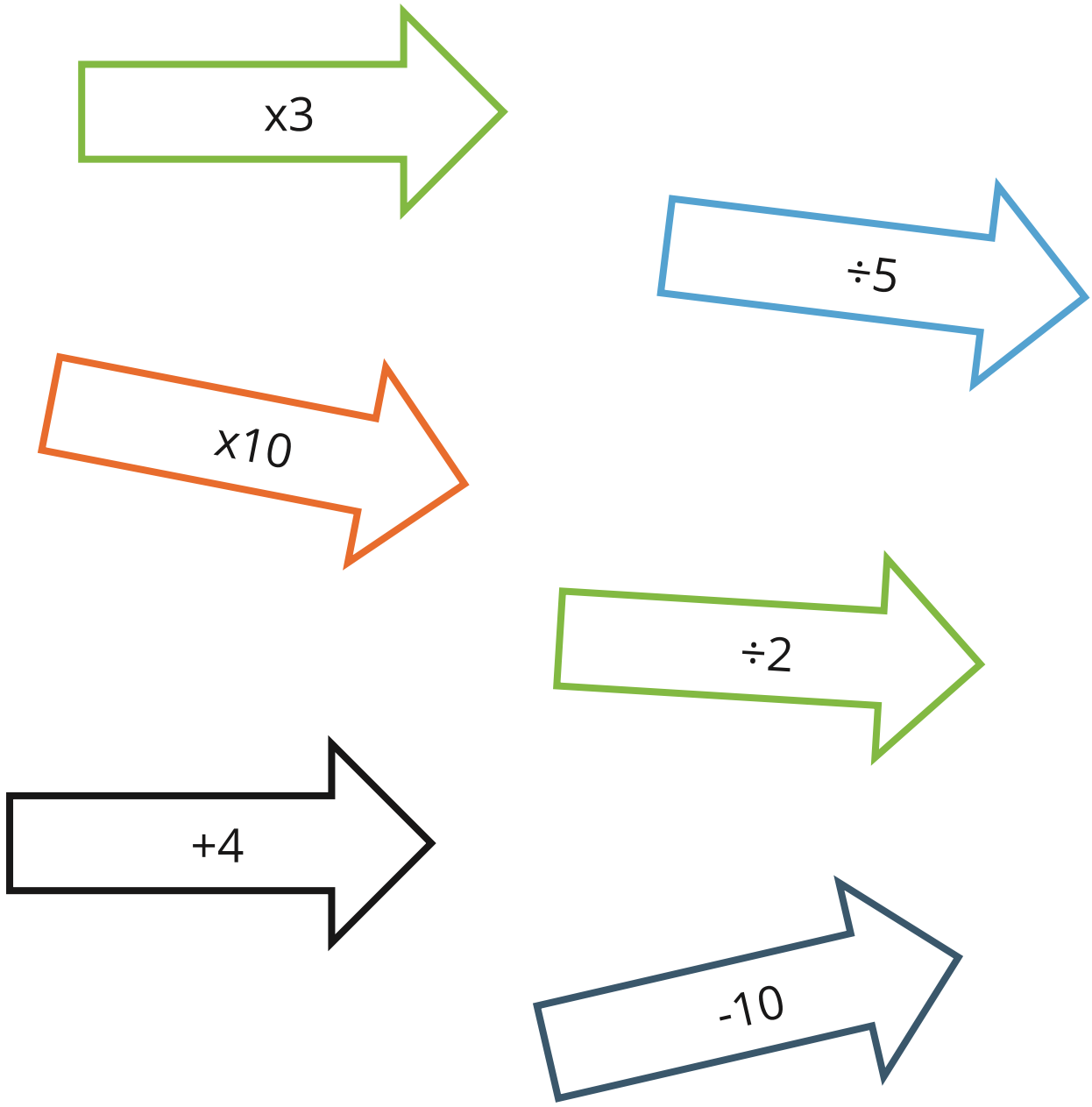
Using exactly four 4s and no other digits, along with as many of the following symbols as you need...

$+$ $\times$ $-$ $($ $)$ $\div$

...make **all** the numbers between **1** and **20**

How Low Can You Go?

Arrange these function machines so that when the input is 100 the outcome is as low as possible?

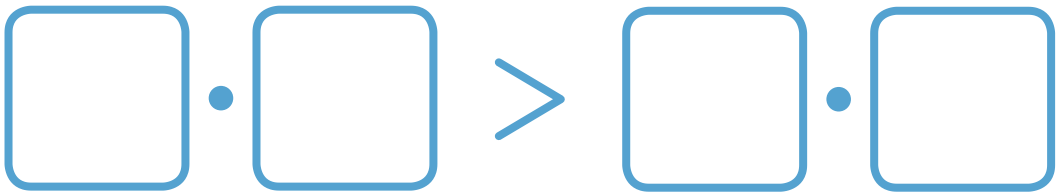


Decimal Disposition

Using the digits...

2, 3, 7, and 8

...how many ways can you make the following statement true?



Just Make One

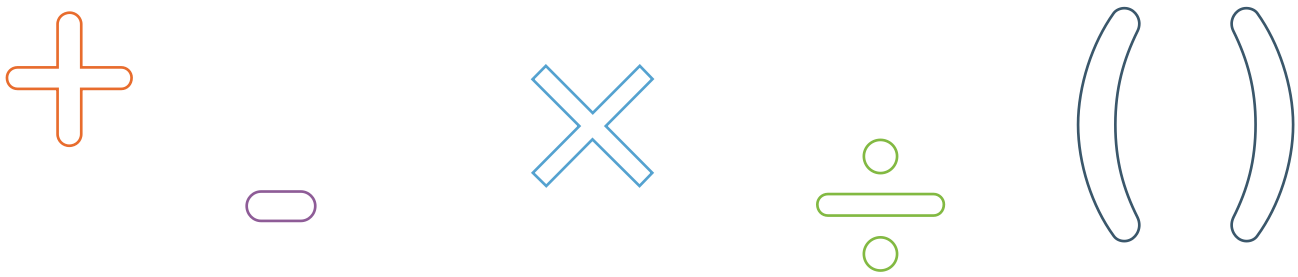
Using

6, 6, 7, 5

and

- + × ÷ ( )

Can you make the answer 1?



Meet The Joneses

Mr & Mrs Jones have three children: Tom the youngest, Georgia in the middle and Fiona the eldest.

Mr Jones is four years older than Mrs Jones. Their ages are both even numbers greater than 40.

Fiona is half the age of her mother.

Tom is a quarter of the age of his father and his age is a prime number below 20

Georgia is six years older than Tom and her age is also a prime number below 20.

How old is each member of the Jones family?