## The Relationship Between Multiplication and Division

## Example 1:



## Example 2:



Use the above examples to help you find the missing numbers.
a)

b)

c)

d)


Find the missing number. You may use a calculator.
e)

f)

g)

h)

i)

j)

k)

I)

m)

n)

o)

p)


Hint: to work out o and $p$ use the idea that in multiplication you can exchange the position of two numbers but not when dividing. (Mathematicians say additions and multiplications are commutative but not subtractions and divisions.)

Challenge (you may use a calculator)
q)

r)

s)

t)

u) Hafsa was thinking of a number. She multiplied the number with 21 and got 777. What number was she thinking of?
v) Mustafa said to Mahad I divided a number by 13 and got the answer 69 then Mahad was challenged to find Mustafa's number. Can you find Mustafa's number?

