

How to divide by counting in multiples..

? Think ?
What is it asking?

$23 \div 4 =$
How many
groups of 4 fit
into 23?

List the
multiples

($1 \times 4 = 4$) ($2 \times 4 = 8$) ($3 \times 4 = 12$)
4, 8, 12...


STOP

4, 8, 12, 16, **20,**

Count the
whole
groups.

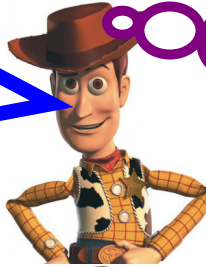
① ② ③ ④ ⑤
4, 8, 12, 16, 20,
5 whole groups

Count on to
find the
remainder.

① ② ③ ④ ⑤
4, 8, 12, 16, 20, 
 $23 \div 4 = 5r.3$

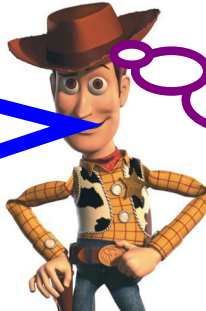
How to divide by chunking on a number line ..

? Think ?
What is it asking?



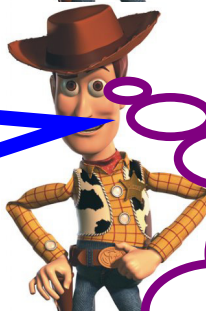
$63 \div 4 =$
How many
groups of 4 fit
into 63?

List the
facts



$1 \times 4 = 4$
 $2 \times 4 = 8$
 $5 \times 4 = 20$
 $10 \times 4 = 40$

Jump in
chunks



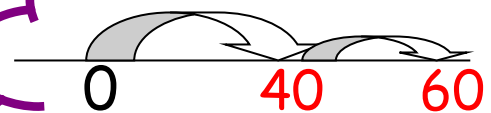
+ 10groups + 5groups



Add the
jumps
together.



+ 10groups + 5groups = 15



Count on to
find the
remainder.



+ 10groups + 5groups = 15 r. 3



How to divide using compact method ..

? Think ?
What is it asking?



$63 \div 4 =$
How many
groups of 4 fit
into 63?

Divide by
the tens.
Carry the remainder.



How many groups of 4 tens
fit in 6 tens?

$$\begin{array}{r} 1 \\ 4 \overline{) 63} \end{array}$$

Divide by
the units.



How many groups of 4 units
fit in 23 units?

$$\begin{array}{r} 15 \\ 4 \overline{) 623} \end{array}$$

Count on
the find the
remainder.



$$\begin{array}{r} 15 \text{ r. } 3 \\ 4 \overline{) 623} \end{array}$$