

Wednesday 27th January 2021

To use a number line to
divide (with remainders).

EMA - Multiplying and dividing by 10.

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$4 \times 10 =$	$8 \times 10 =$	$10 \times 10 =$
$8 \times 10 =$	9×10	$23 \times 10 =$
$5 \times 10 =$	$90 \div 10 =$	$20 \div 10 =$
$50 \div 10 =$	$30 \div 10 =$	$90 \div 10 =$
$60 \div 10 =$	$10 \div 10 =$	$100 \div 10 =$

EMA - Multiplying and dividing by 10 **ANSWERS.**

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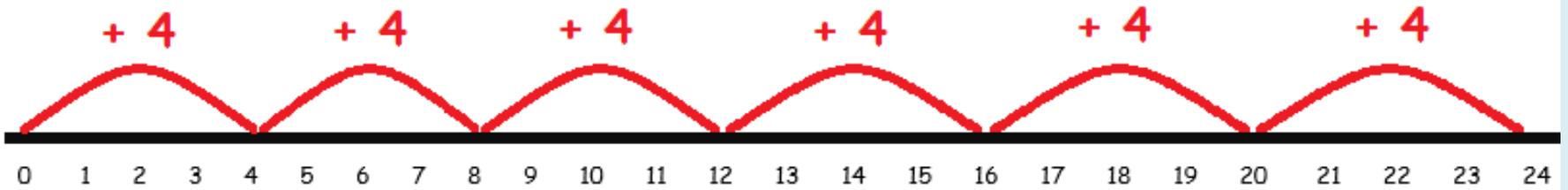
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$4 \times 10 = 40$	$8 \times 10 = 80$	$10 \times 10 = 100$
$8 \times 10 = 80$	$9 \times 10 = 90$	$23 \times 10 = 230$
$5 \times 10 = 50$	$90 \div 10 = 9$	$20 \div 10 = 2$
$50 \div 10 = 5$	$30 \div 10 = 3$	$90 \div 10 = 9$
$60 \div 10 = 6$	$10 \div 10 = 1$	$100 \div 10 = 10$

$$24 \div 4 = 6$$

6 jumps



$$32 \div 2$$

10 jumps
($2 \times 10 = 20$)

1

1

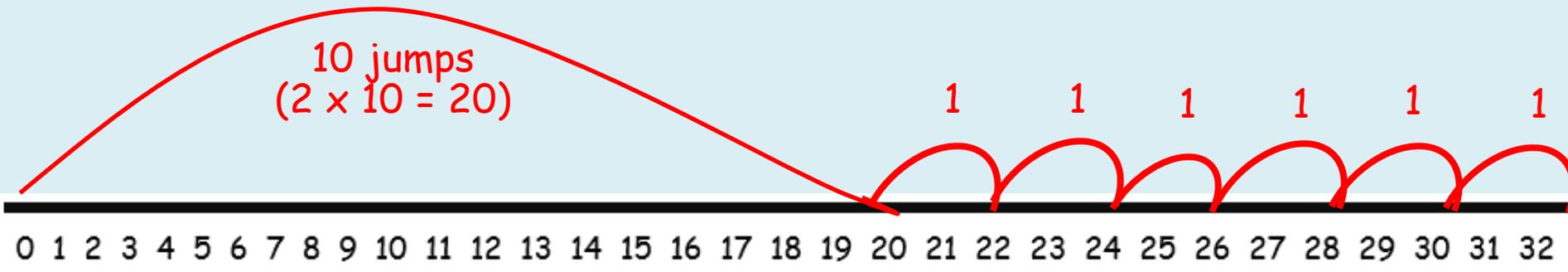
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1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32



$$32 \div 2$$

10 jumps

10 groups of
2 in 20

1 jump

1

1

1

1

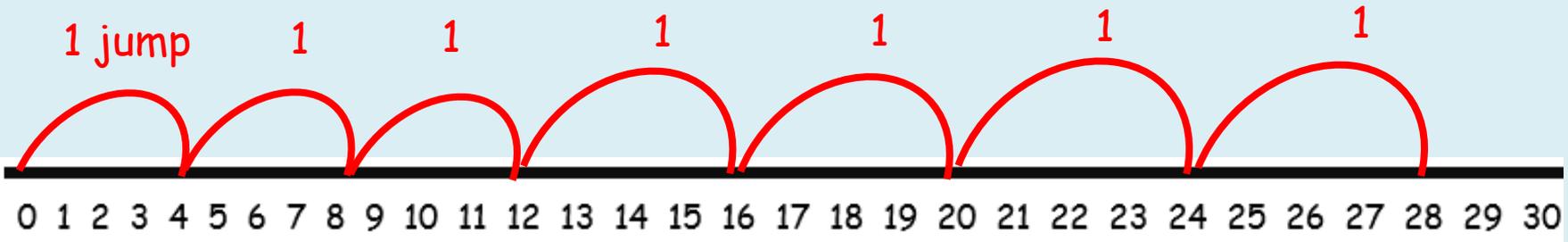
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0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Add up all the jumps....

$$32 \div 2 = 16$$

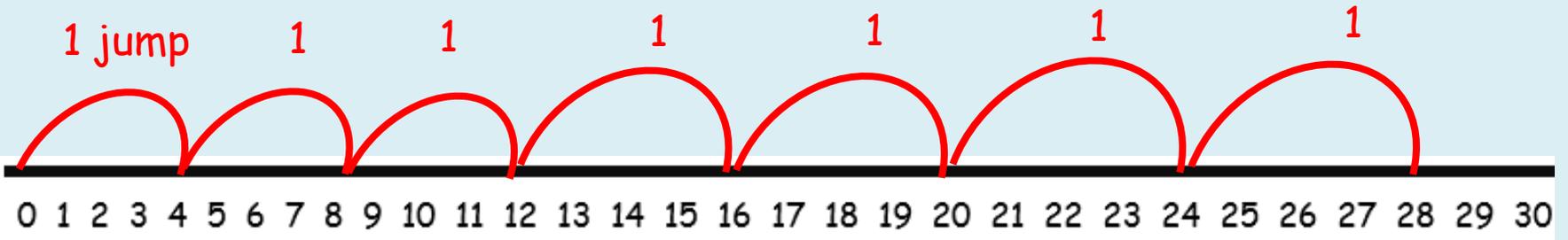
What can we do if there are some numbers left on our number lines?



$$30 \div 4 = 7 \text{ with } 2 \text{ left.}$$

We call these two that are left over **REMAINDERS**.

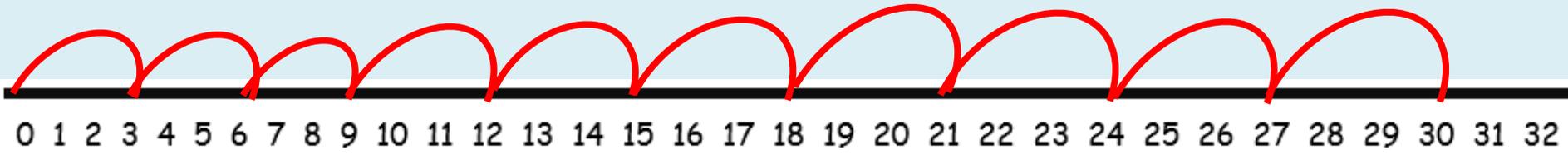
$$30 \div 4 = 7 \text{ remainder } 2$$



Lets have a look at a question together....

$$32 \div 3 =$$

1 jump

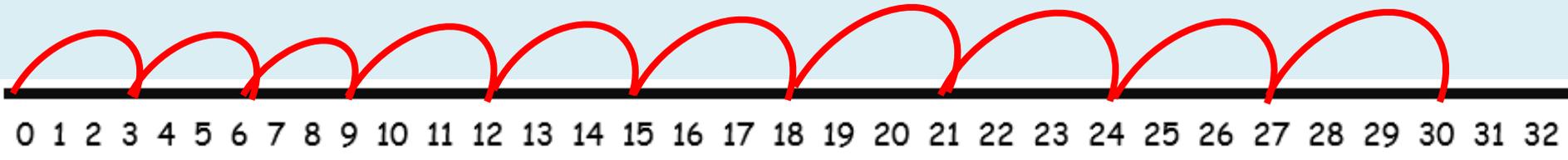


How many groups of 3 did I jump?

How many numbers were remaining?

$$32 \div 3 =$$

1 jump

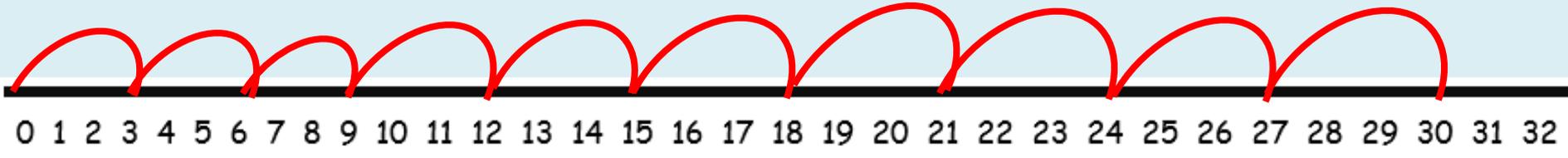


How many groups of 3 did I jump? **10**

How many numbers were remaining? **2**

$$32 \div 3 = 10 \text{ remainder } 2$$

1 jump

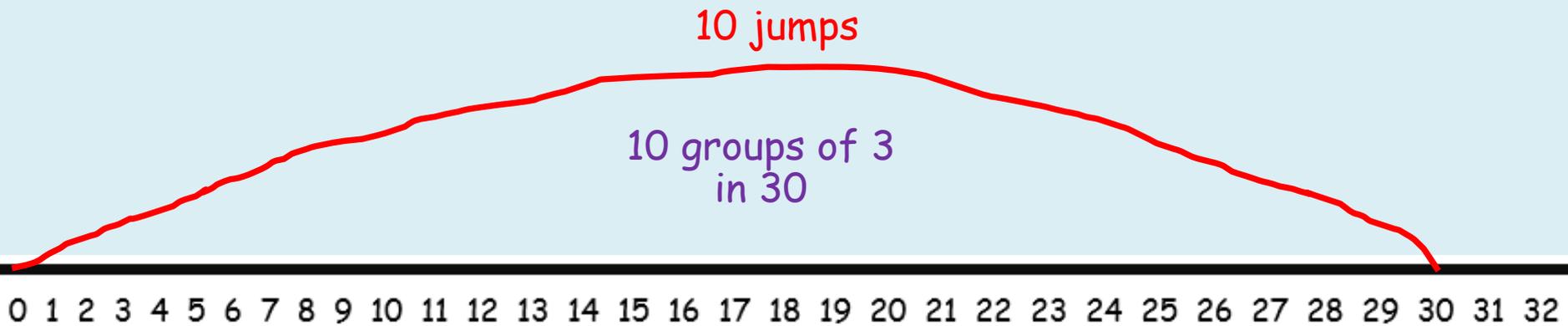


We could also 'chunk' that question.....

$$32 \div 3 =$$

10 jumps

10 groups of 3
in 30



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

How many groups of 3 did I jump? 10

How many numbers were remaining? 2

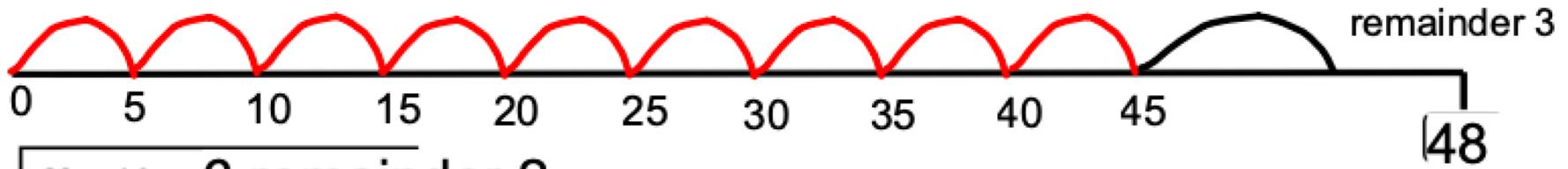
Your turn...

$48 \div 5 =$

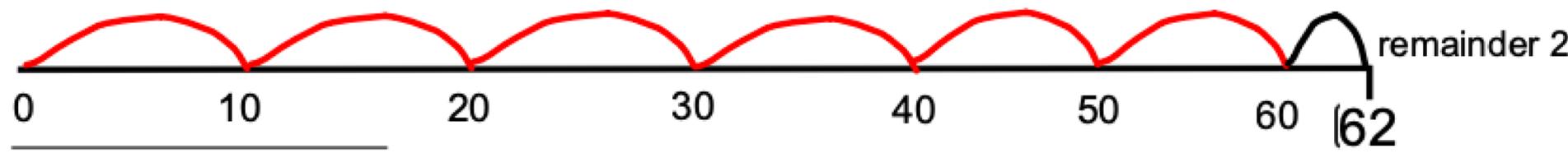
$62 \div 10 =$

Your turn...

$48 \div 5 = 9 \text{ remainder } 3$



$62 \div 10 = 6 \text{ remainder } 2$



Please choose your activity from the following slides and complete.

Don't forget to upload your response to Seesaw under the maths task. Thank you.

* Activity

*I can use a number line to divide (with remainders).

$27 \div 5 =$

$44 \div 10 =$

$15 \div 2 =$

$57 \div 10 =$

$36 \div 5 =$

** Activity

**I can use a number line to divide (with remainders).

$$56 \div 5 =$$

$$78 \div 10 =$$

$$29 \div 2 =$$

$$43 \div 3 =$$

$$63 \div 5 =$$

*** Activity

***I can use a number line to divide (with remainders).

$96 \div 5 =$

$86 \div 10 =$

$47 \div 2 =$

$67 \div 3 =$

$63 \div 4 =$
