### Monday 25th January 2021

# To solve division word problems using a number line.

#### **EMA**

\*

 $5 \times 2 =$ 

 $2 \times 2 =$ 

 $3 \times 3 =$ 

 $4 \times 12 =$ 

\*\*

x 10 = 80

x 5 = 20

x 2 = 14

x 4 = 16

x 8 = 88

x 4 = 48

x 8 = 56

\*\*\*

x 4 = 24

#### EMA - Answers

 $2 \times 2 = 4$ 

 $5 \times 2 = 10$ 

 $3 \times 3 = 9$ 

 $4 \times 12 = 48$ 

\*

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 $7_{x} \times 2 = 14$ 

 $4 \times 5 = 20$ 

 $8 \times 10 = 80$ 

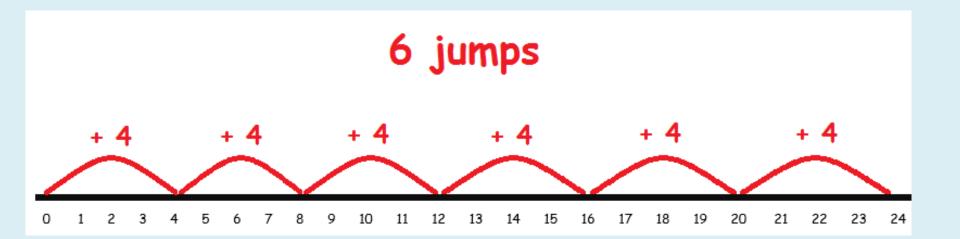
11  $\times 8 = 88$  $12 \times 4 = 48$ 

\*\*\*

 $6 \times 4 = 24$ 

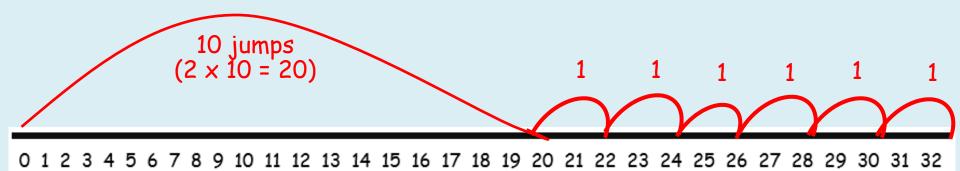
 $7 \times 8 = 56$ 

 $4 \times 4 = 16$ 

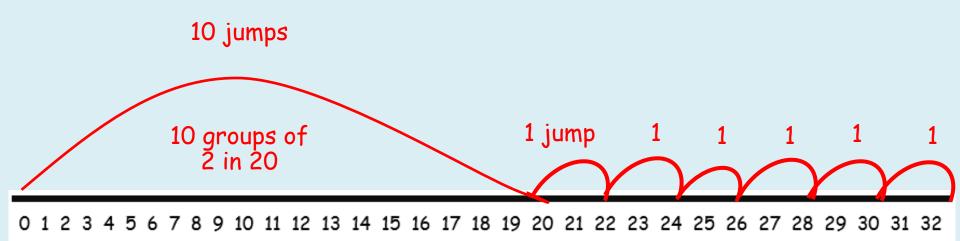


$$24 \div 4 = 6$$

#### $32 \div 2$



#### $32 \div 2$



## Add up all the jumps....



- 1. Jump along the number line in jumps of the 1-digit number. Use your known multiplication to jump in bigger steps.
- 2. Stop when you have reached the 2-digit number
- 3. Count up your jumps
- 4. Check your answer!

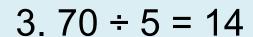
Choose one of these questions to have a go at...

$$*14 \div 2 =$$

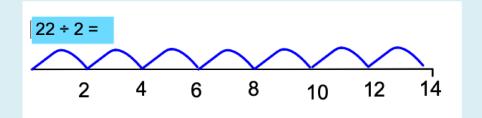
#### Answers...

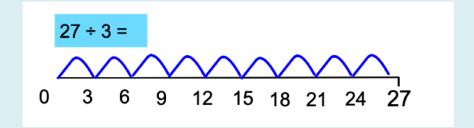
$$1.14 \div 2 = 7$$

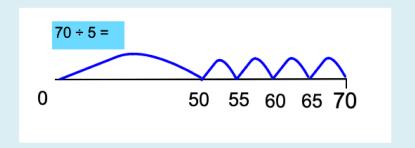
$$2.27 \div 3 = 9$$

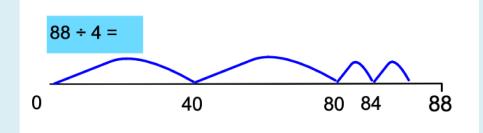


$$4.88 \div 4 = 22$$









	wher line.	
I can solve division word problems	made from 45  **I can solve division word problems using a number 1  1) How many teams of 5 can be made from 90  2) A group of 56 cl	
1) How many teams of 5 can be	made from 45  1) How many teams of 5 can be made from 90  2) A group of 56 children  They are to fit into	
trans of 5 can be	made I broblems using	
1) How many teams or	3) can be many	
people:	the fair.	ne.
hildren are s	going to the family of 56 childs	
people?  2) A group of 32 children are go they are travelling in cars.  They are How many cars are	2 children 11 are ach can i ravelling i en are ach	
They are travelling in cars ar	re needed?	
2) A group of seathers in cars.  They are travelling in cars.  each car. How many cars are	going to the fair.  2 children fit into re needed?  2) A group of 56 children are going to the fair.  3) A pizza serves 3 hungry of 50 children fit into pizzas would be children for an eded?	
edo.	hildren. How many   pizzas would be a hunger into	
ach car. How many  3) A pizza serves 3 hungry ch	coad 27 hungi i / "Idrena" be near i child	
3) A pizza serves 3 hungry ch pizzas would be needed to		
children?	s 90 biscuits in 10  layers. How many biscuits in 5  ts in each layer?	_ /
	on hiscuits in 10	$\rightarrow$
hox of biscuits has	in each layer?	/
4) A big box of biscuits has layers. How many biscuit	TS in each in 5	
layers. How	'dyer?	_ /
	***I can solve division word problems using a number line.	$\neg$
		/
	1) How many teams of 6 can be made from 96	
	people?	7
	2) 4	
	2) A group of 92 children are going to the fair.  They are travelling in area 4 shildren fit into	
	They are travelling in cars. 4 children fit into each car. How many cars are needed?	
	each car. Flow many cars are needed?	
	3) A pizza serves 3 hungry children. How many	
	pizzas would be needed to feed 87 hungry	
	children?	
	4) A big box of biscuits has 84 biscuits in 7 layers.	
	How many biscuits in each layer?	
	E) Alice Alice of a much or and multiples it had	
	5) Alice thinks of a number and multiples it by 4.	

Her answer is 160. What was her number?