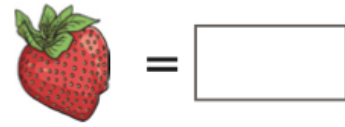
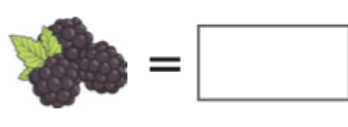
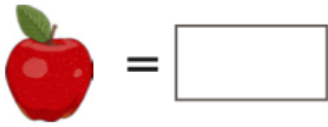
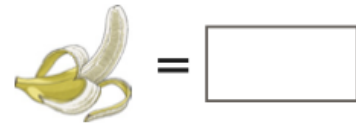
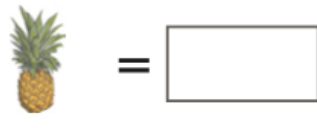














21.01.2021

OLI: To solve multiplication and division problems

1. Can you use your maths detective skills to work out which numbers these symbols represent?



6	×		=	24
	×		=	32
	×		=	64
	×		=	24
	÷		=	
	×		=	40

2. Which fruit can't you work out from these facts?

3. Are these coded number sentences correct? Mark them with a tick or cross.



×



=



÷



=



×



=



4. Make up values for these vegetables and write some of your own multiplication and division sentences using your code.



EXT:

Multiplication Magic: Use Multiplication Magic to answer these.



Example: $30 \times 4 = 120$

$3 \times 4 = 12$ so $30 \times 4 = 120$

Remember

Draw the wizard's hat

Use your multiplication facts to calculate

$5 \times 8 = 40$

$50 \times 8 = 400$

$50 \times 80 = 4000$



$30 \times 8 =$



$4 \times 40 =$



$60 \times 3 =$



$30 \times 40 =$



$110 \times 30 =$



$5 \times 50 =$



$4 \times 110 =$

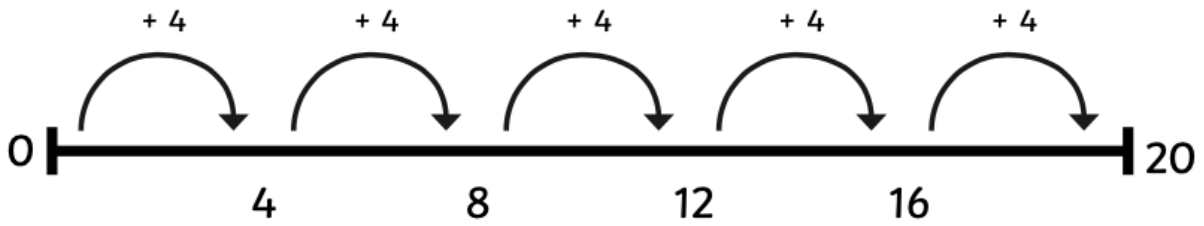


$120 \times 3 =$



Division on a Number Line: Draw number lines to help you to answer these.

Example: $20 \div 4$



It takes 5 hops of 4 to get to 20 So $5 \times 4 = 20$

Remember

1. Draw a number line with zero at the start and the target number at the end.
2. Hop along the number line in groups, labelling the hops correctly.
3. Add up the number of groups which fit into the target number by counting the number of hops.

9. $65 \div 5 =$

10. $48 \div 3 =$

11. $60 \div 4 =$