



## Multiplication and Division Test

Fill in the missing numbers:

$$\square \times 4 = 16$$

$$24 \div \square = 4$$

$$\square \div 3 = 7$$

$$\square \times 3 = 24$$

$$8 \times \square = 48$$

$$8 \times \square = 32$$

Solve these multiplication problems

$$27 \times 5 =$$

X	20	7
5		

$$26 \times 3 =$$

X	20	6
3		

$$35 \times 2 =$$

X		

a) Write the multiplication fact you know, which you can use to solve the following calculations. Then solve the calculation. The first one is done for you:

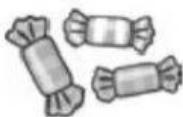
e.g.  $40 \times 8$

I know  $4 \times 8 = 32$ , so  $40 \times 8 = 320$

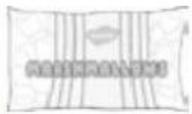
i)  $90 \times 4$

ii)  $240 \div 8$

a) Susan spent 75p on a bag of sweets. Each sweet costs 5p. How many sweets were in her bag?



b) A bag of marshmallows weighs 50g. Gemma needs 400g of marshmallows for a recipe. How many bags does she need?



c) A handwriting pen is 8cm long. Holly measures a table with pens and finds the table is 12 pens long and 7 pens wide. What are the length and width of the table?



length  cm  
width  cm

d) Matthew has 60p. He wants to buy 3 pencils that are 12p each. With the rest of his money he will buy rubbers which cost 6p each. How many rubbers will he buy?



$$62 \times 14 =$$

X	60	2
10		
4		

$$45 \times 15 =$$

X		

$$1) 123 \times 5 =$$

X			

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

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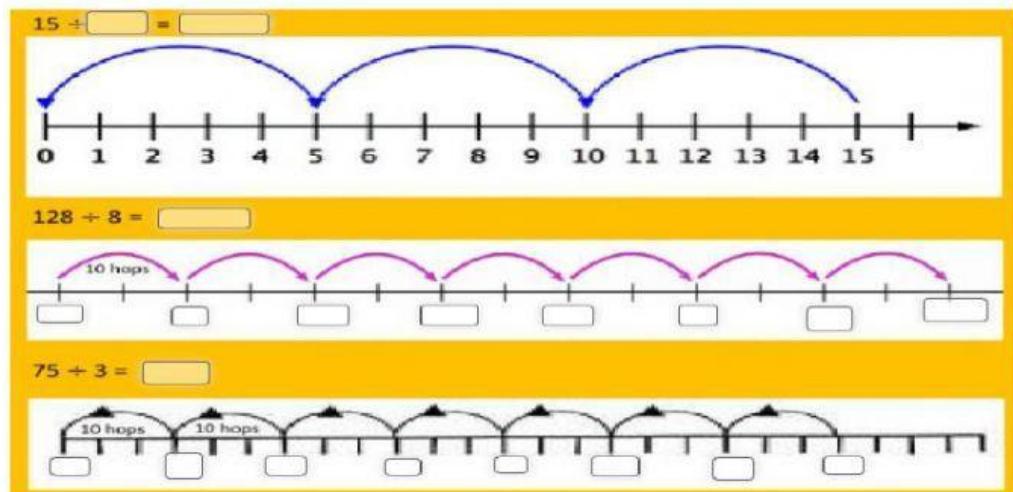
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2	$\times$		=	10
	$\times$		=	20
	$\times$		=	16
	$\times$	3	=	
	$\div$	2	=	
	$\times$		=	

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



1. Write out your 4x and 8x table below

$0 \times 4 = 4$	$0 \times 8 =$
$1 \times 4 =$	
	$2 \times 8 =$
$4 \times 4 =$	
	$6 \times 8 =$
$8 \times 4 =$	
	$10 \times 8 =$
$12 \times 4 =$	$12 \times 8 =$

$$1. \ 3 \overline{)4\ 5}$$

$$3. \ 4 \overline{)5\ 2}$$

$$5. \ 8 \overline{)8\ 8}$$

$$2. \ 9 \overline{)9\ 0}$$

$$4. \ 3 \overline{)5\ 7}$$

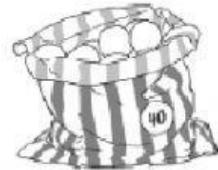
Will there be any remainders...

6. If you divide 41 sweets by 4 people?

7. If you share 34 sweets between 3 people?

8. If you divide 53 sweets by 4 people?

9. If you share 50 sweets by 5 people?



Use a ruler to help you set out the written method and complete the calculations.

Some of them might have remainders – watch out!

10.  $48 \div 4 =$

11.  $38 \div 3 =$

12. There are 37 sweets. Karim shares the sweets between five friends. How many sweets does each person receive? Are there any sweets that can't be shared?

13. The Stanley family won 84 sweets in a raffle. Conor must share the sweets between his 8 children. How many sweets does each child receive?  
Are there any sweets that can't be shared?

6.	$48 \times 4$	
	4	8
	x	4
		(8x4)
		(40x4)
		(8x4) + (40x4)

7. $81 \times 3$		
	8	1
x	<u>3</u>	
		(1x3)
		(80x3)
		(1x3) + (80x3)

8.	92	$\times$	3
	9	2	
	x	3	
			$\{2 \times 3\}$
			$\{90 \times 3\}$
			$\{2 \times 3\} + \{90 \times 3\}$

9.	52	$\times$	8
		5	2
	x		4
			$\underline{\hspace{2cm}}$
			$\{4 \times 2\}$
			$\underline{\hspace{2cm}}$
			$\{50 \times 2\}$
			$\{4 \times 2\} + \{50 \times 2\}$

10. $45 \times 8$	

$$1. 49 \times 3$$

2.  $8 \times 75$

3.  $3 \times 55$

5. The product of 8 and 83

6. 64 multiplied by 4