Multiplication and Division Test

Fill in the missing numbers:

☐ x 4 = 16	24 ÷ ☐ = 4	☐ ÷ 3 = 7
☐ x 3 = 24	8 x ☐ = 48	8 x ☐ = 32

Solve these multiplication problems

27 x 5 =

X	20	7
5		

26 x 3 =

X	20	6
3		

35 x 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 x 8

I know 4 x 8 = 32, so 40 x 8 = 320

i) 90 x 4

ii) 240 ÷ 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 x 14 =

X	60	2
10		
4		

45 x 15 =

X		

1) 123 x 5 =

X			

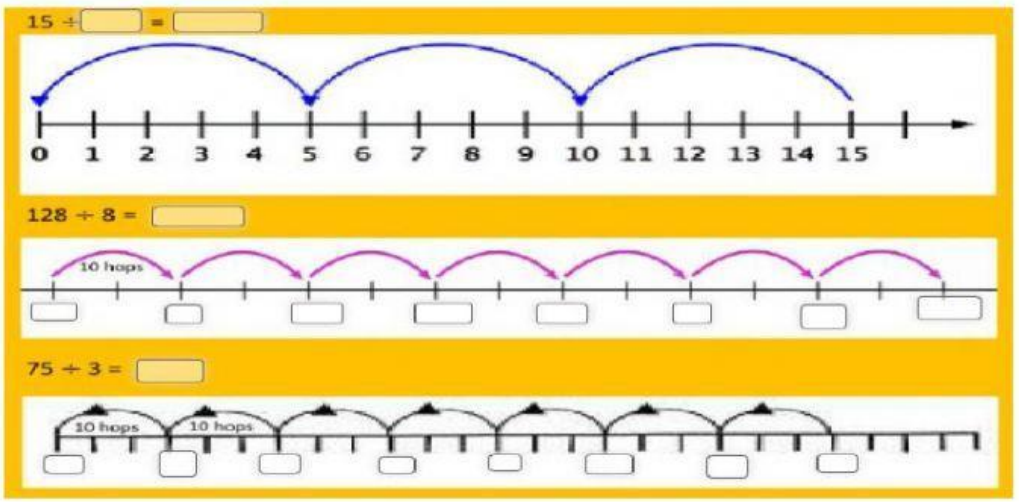
1. Can you use your maths detective skills to work out which numbers these symbols represent?

= ☐ = ☐ = ☐

= ☐ = ☐ = ☐

2	×		=	10
	×		=	20
	×		=	16
	×	3	=	
	÷	2	=	
	×		=	

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



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

0 × 4 = 4	0 × 8 =
1 × 4 =	
	2 × 8 =
4 × 4 =	
	6 × 8 =
9 × 4 =	
	10 × 8 =
12 × 4 =	12 × 8 =

1. $3\overline{)45}$

2. $9\overline{)90}$

3. $4\overline{)52}$

4. $3\overline{)57}$

5. $8\overline{)88}$

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 x 4

		4	8		
	x		4		
				(8x4)	
				(40x4)	
				(8x4) + (40x4)	

7. 81 x 3

		8	1		
	x		3		
				(1x3)	
				(80x3)	
				(1x3) + (80x3)	

8. 92 x 3

		9	2		
	x		3		
				(2x3)	
				(90x3)	
				(2x3) + (90x3)	

9. 52 x 8

		5	2		
	x		4		
				(4x2)	
				(50x2)	
				(4x2) + (50x2)	

10. 45 x 8

		4	5		
	x		8		
				(5x8)	
				(40x8)	
				(5x8) + (40x8)	

1. 49 x 3

2. 8 x 75

3. 3 x 55

4. 91 x 3

5. The product of 8 and 83

6. 64 multiplied by 4