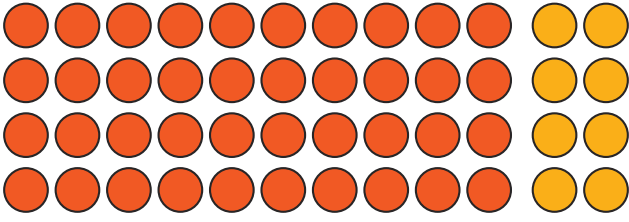


12 Times Table and Division Facts



1) Complete the calculations and stem sentences.



$$4 \times 10 = \underline{\quad\quad} \quad 4 \times 2 = \underline{\quad\quad}$$

4 lots of 10 counters = $\underline{\quad\quad}$ counters

4 lots of 2 counters = $\underline{\quad\quad}$ counters

$$4 \times 10 + 4 \times 2 = 4 \times 12 = \underline{\quad\quad}$$

2) Complete the table.

Base Ten Equipment	Multiplication Calculation
	$\underline{\quad\quad} \times \underline{\quad\quad} = \underline{\quad\quad}$
	$3 \times 12 =$
	$6 \times 12 =$

3) Use $<$, $>$ or $=$ to complete the statements.

a) 7×12 $10 \times 6 + 2 \times 6$

b) $5 \times 6 \times 2$ 10×12

c) $144 \div 12$ 12×1

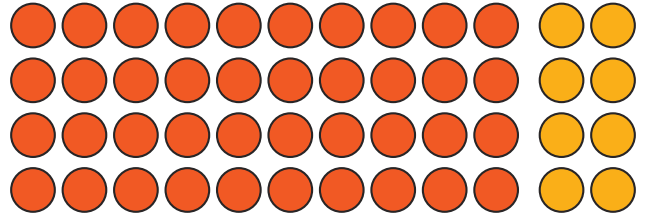
4) A bag holds 12 bread rolls.
How many bags would be needed to pack 132 bread rolls?



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12 Times Table and Division Facts



- 1) Is Zeke's statement always, sometimes or never true? Prove it.

Zeke



The ones digit is double the tens digit for all multiples of 12.

- 2) Identify and explain two different methods for solving Elena's calculation.

Elena

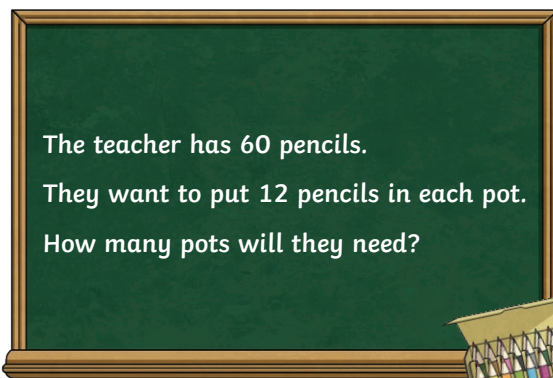


$$8 \times 12 = ?$$

- 3) Circle the odd one out in the number sequence and explain your reasoning.

72 84 96 108 120 134 144

- 4) Priya is solving a word problem.



Priya

I can use the multiplication fact $5 \times 12 = 60$ to solve this problem.



Do you agree with Priya?
Explain your reasoning.



12 Times Table and Division Facts



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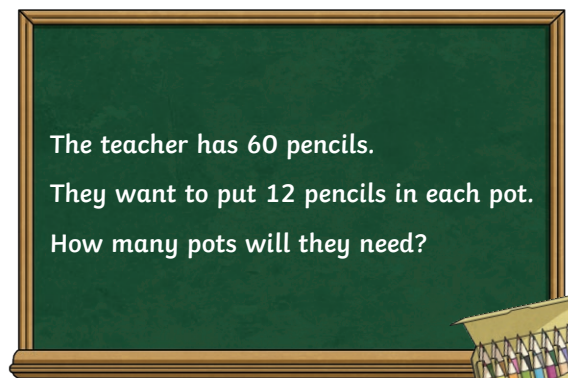


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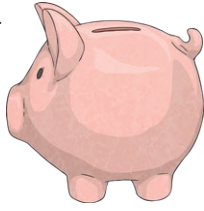
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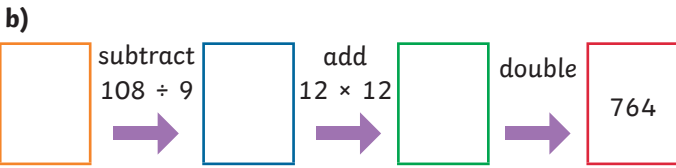
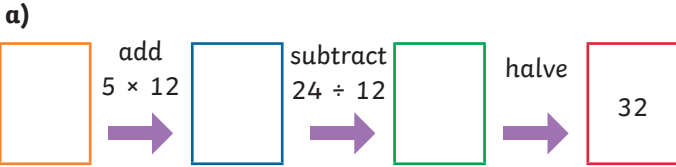
12 Times Table and Division Facts



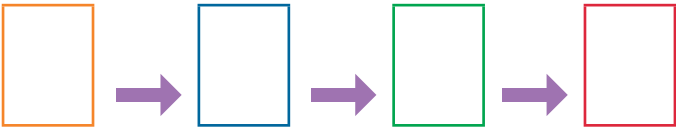
- 1) Bartek has only 10p and 2p coins in his piggy bank.
The total amount of money that is in his piggy bank is 36p.
How many 10p coins and how many 2p coins could he have?
Find three possible answers.



- 2) Solve these puzzles to work out the starting numbers.

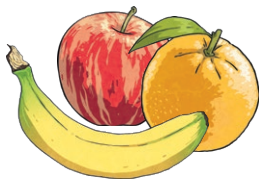


- c) Create your own number puzzle using facts from the 12 times table.



- 3) There are 12 baskets of fruit. Each basket of fruit contains 4 apples, 3 bananas and 2 oranges.

- a) What is the total amount of each type of fruit?
b) How many pieces of fruit are there altogether?



- 4) What could Priya's number be? Find all possible answers.

Priya

The tens digit in my number is greater than the ones digit. It is a 2-digit number and a multiple of 12. What is my number?

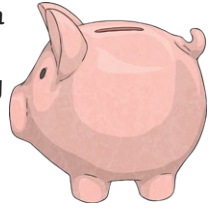


Scan here for help!

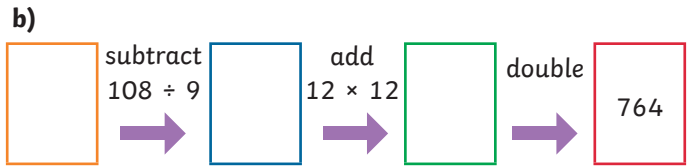
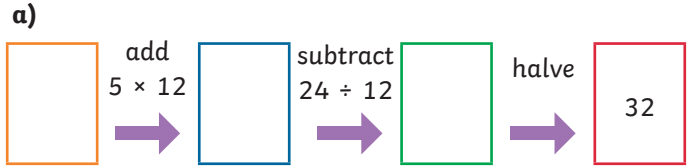
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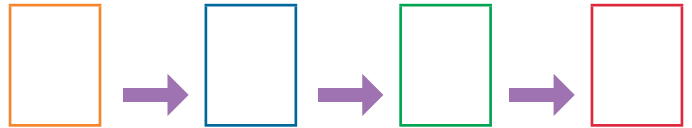
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