

7 Times Table and Division Facts



1)

a) Complete the sentences to describe the array.



There are ___ equal rows.

There are ___ in each row.

There are ___ altogether.

b) Write a fact family to match the array above.

___ × ___ = ___	___ ÷ ___ = ___
___ × ___ = ___	___ ÷ ___ = ___

2) Match each calculation to the inverse operation.

$4 \times 7 = 28$

$35 \div 7 = 5$

$7 \times 7 = 49$

$28 \div 7 = 4$

$7 \times 5 = 35$

$49 \div 7 = 7$

3) Complete each number track.

a)

7		21	28		42
---	--	----	----	--	----

b)

		42	49		63
--	--	----	----	--	----

c)

84	77	70			
----	----	----	--	--	--

4) Complete the calculations.

a) $9 \times 7 =$ ___ b) $6 \times 7 =$ ___

c) $56 \div$ ___ = 7 d) $77 \div 7 =$ ___

e) ___ $\times 7 = 14$ f) ___ $\div 7 = 5$

g) ___ $\times 7 = 21$ h) $70 \div 7 =$ ___



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7 Times Table and Division Facts



- 1) Priya has written the fact family for 7×4 .

Check her work. Then, correct and explain any mistakes she has made.



Priya

$$4 \times 7 = 28 \quad 4 \div 28 = 7$$

$$7 \times 4 = 28 \quad 7 \div 28 = 4$$

- 2) Zeke and Drew are calculating 9×7 .



Zeke

I can multiply 9 by 5 and multiply 9 by 2 and then add the answers together.



Drew

I can work out 9×6 and then add 9 more.

Are their statements true or false? Prove it!

- 3) There are 84 children at a rugby tournament.

There are 7 children in each team.



Joseph

There are 11 teams taking part in the tournament and they will all play each other once.

Do you agree with Joseph's statement?

Explain your reasoning.



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- Here are some clues for some of the multiples of 7 up to 12×7 .
- Write the correct multiple of 7 next to each clue.

Clue	Number
When the digits are multiplied, the answer is 32.	
It is a number less than 30. It is also a multiple of 2 and 4.	
It is an even number that has a ones digit that is half of the tens digit.	
This number has a digit sum of 3.	
It is a multiple of 5 and of 10 as well as a multiple of 7.	

- Choose four of the remaining multiples in the 7 times table that were not in the table above. Then, write clues for each multiple for a partner to solve. Make sure the clues are specific enough so they only have one answer.

- Use two different methods to solve this calculation. Show your working out.

$$6 \times 7 = \square$$

- A bakery makes 56 doughnuts and puts them into boxes of 7.

They sell 4 boxes.

How many doughnuts are left?



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