

02.12.20

LO: To multiply and divide by 7

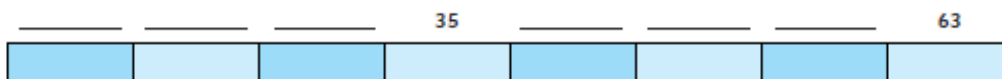
### Challenge 1

1) Circle the number in each of these grids that is the odd one out.



7	28	14	35	70	56
21	25	38	42	79	77

2) This representation shows part of a counting stick. Complete it with the missing multiples of 7.



3) Match each calculation and array to the correct answer.



9

$63 \div 7$

5



$2 \times 7$

$35 \div 7$

$7 \times 3$



8

$56 \div 7$

$4 \times 7$

## Challenge 2

1a. Which is the odd one out? Prove it.

$7 \times 6 = 42$

$64 \div 8 = 7$

$14 \div 2 = 7$

$77 \div 11 = 7$

$4 \times 7 = 28$

7 14 21 28 35 42 49 56 63 70 77 84



1b. Which is the odd one out? Prove it.

$49 \div 7 = 7$

$56 \div 8 = 7$

$7 \times 5 = 30$

$7 \times 3 = 21$

$84 \div 12 = 7$

7 14 21 28 35 42 49 56 63 70 77 84



2a. Travel through the maze using only multiples of 7.

18	51	73	46
15	20	14	70
8	35	21	45
14	70	13	36

start

Finish



2b. Travel through the maze using only multiples of 7.

start	70	73	46	30
	35	14	70	45
	55	22	21	35
	5	13	29	56

Finish



3a. Write a word problem for each of the following calculations.

$35 \div 7$

$2 \times 7$

Now solve your word problems.



3b. Write a word problem for each of the following calculations.

$42 \div 7$

$5 \times 7$

Now solve your word problems.



**Challenge 3**

4a. Which is the odd one out? Prove it.

$49 \div 7 = 7$

$56 \div 8 = 7$

$5 \times 7 = 35$

$3 \times 7 = 28$

$84 \div 12 = 7$



4b. Which is the odd one out? Prove it.

$35 \div 5 = 7$

$63 \div 9 = 7$

$7 \times 7 = 49$

$49 \div 7 = 7$

$7 \times 5 = 35$



5a. Travel through the maze using only multiples of 7.

	6	35	7	42	77	Finish
	18	49	73	46	34	
	15	21	40	70	45	
start	28	14	22	84	90	
	12	5	13	36	107	



5b. Travel through the maze using only multiples of 7.

	6	76	7	24	87	
start	7	19	73	46	34	
	14	35	49	70	45	
	20	55	33	84	90	
	12	5	13	21	56	Finish



6a. Write a word problem for each of the following calculations.

$42 \div 7$

$12 \times 7$

Now solve your word problems.



6b. Write a word problem for each of the following calculations.

$77 \div 7$

$9 \times 7$

Now solve your word problems.

