



Colin and Coco's Deliberate Practice

Year 4 Unit 3

Multiplication and Division
Multiplication Tables





Contents

This pack of deliberate practice is designed to be used flexibly to secure the manageable steps of this unit.

The table below indicates which activities are linked to which manageable steps.

	Do It	Challenge It	Play It
Build the 6x table and count in steps of 6 and multiples of 6 from zero	1	1	
Recall and use multiplication facts for the 6 times table	1	3	1, 4
Recall and use division facts for the 6 times table	1	3	
Build the 9x table and count in steps of 9 and multiples of 9 from zero	2		
Recall and use multiplication facts for the 9 times table	2	3	2, 4
Recall and use division facts for the 9 times table		2	
Build the 7x table and count in steps of 7 and multiples of 7 from zero	3		
Recall and use multiplication facts for the 7 times table	3	3	3, 4
Recall and use division facts for the 7 times table	3	3	
Know and use the effect of multiplying by 0	4	4	4
Know and use the effect of multiplying by 1	4	4	4
Know and use the effect of dividing by 1	4	4	



Calculate:

Do It 1

$6 \times 6 = \square$

$7 \times 6 = \square$

$24 \div 6 = \square$

$48 = 6 \times \square$

$6 \times 9 = \square$

$11 \times 6 = \square$

$42 \div 6 = \square$

$3 = \square \div 6$

$6 \times 8 = \square$

$5 \times 6 = \square$

$54 \div 6 = \square$

$72 = \square \times 6$

$6 \times 0 = \square$

$6 \times 12 = \square$

$36 \div 6 = \square$

$1 = \square \div 6$

Challenge It 1

If I know then I also know
Complete the statements

$6 \times \dots = \dots$

$6 \times 4 = \dots$

$6 \times 2 = \dots$

$\dots \times \dots = \dots$

$\dots \times \dots = \dots$

$6 \times 10 = \dots$

$6 \times \dots = \dots$

$6 \times 1 = 6$

$6 \times \dots = \dots$

$6 \times \dots = \dots$

$6 \times \dots = \dots$

$6 \times \dots = \dots$

$6 \times 3 = \dots$

$6 \times \dots = \dots$

$6 \times \dots = \dots$

$\dots \times \dots = \dots$



6 Times Table Bingo

Play It 1

You need:

Two 1 - 6 Dice

To play:

Players draw a 3 x 3 Bingo card.

Players choose nine multiples of 6 and write them in the squares on their Bingo card.

The two dice are thrown and the two numbers added together.

Players multiply this number by six and cross the product off their bingo card if they have it.

Play continues until one player has crossed off all their multiples.

To win:

The winner is the first player to cross off all their multiples.



Calculate:

Do It 2

$9 \times 9 = \square$

$8 \times 9 = \square$

$36 = 9 \times \square$

$81 = 9 \times \square$

$9 \times 6 = \square$

$0 \times 9 = \square$

$108 = 9 \times \square$

$72 = \square \times 9$

$9 \times 12 = \square$

$5 \times 9 = \square$

$27 = 9 \times \square$

$108 = \square \times 9$

$9 \times 7 = \square$

$9 \times 11 = \square$

$63 = 9 \times \square$

$54 = \square \times 9$

Match the calculation to the answer.
Find the missing buddies.

Challenge It 2

$99 \div 9$
$72 \div 9$
$63 \div 9$
$9 \div 9$
$108 \div 9$
$45 \div 9$
$54 \div 9$
$90 \div 9$

1
12
9
6
11
10
8
5



9 Times Table Bingo

Play It 2

You need:

Two 1 - 6 Dice

To play:

Players draw a 3 x 3 Bingo card.

Players choose nine multiples of 9 and write them in the squares on their Bingo card.

The two dice are thrown and the two numbers added together.

Players multiply this number by nine and cross the product off their bingo card if they have it.

Play continues until one player has crossed off all their multiples.

To win:

The winner is the first player to cross off all their multiples.



Calculate:

Do It 3

$7 \times 6 = \square$

$7 \times 7 = \square$

$28 \div 7 = \square$

$42 = 6 \times \square$

$7 \times 9 = \square$

$11 \times 7 = \square$

$63 \div 7 = \square$

$3 = \square \div 7$

$7 \times 8 = \square$

$5 \times 7 = \square$

$49 \div 7 = \square$

$84 = \square \times 7$

$7 \times 0 = \square$

$7 \times 12 = \square$

$56 \div 7 = \square$

$1 = \square \div 7$

Challenge It 3

Find the missing numbers.

Complete the grids in several different ways where possible.

x	3	5	
6			
7			56
9			

x			
7	28	42	
		54	
			18

x			
			36
7		63	
	24		



7 Times Table Bingo

Play It 3

You need:

Two 1 - 6 Dice

To play:

Players draw a 3 x 3 Bingo card.

Players choose nine multiples of 7 and write them in the squares on their Bingo card.

The two dice are thrown and the two numbers added together.

Players multiply this number by seven and cross the product off their bingo card if they have it.

Play continues until one player has crossed off all their multiples.

To win:

The winner is the first player to cross off all their multiples.



Calculate:

Do It 4

$7 \times 1 = \square$

$7 \times 0 = \square$

$18 \div 1 = \square$

$0 = 6 \times \square$

$20 \times 1 = \square$

$17 \times 0 = \square$

$363 \div 1 = \square$

$3 = \square \div 1$

$1 \times 6 = \square$

$0 \times 12 = \square$

$7 \div 1 = \square$

$184 = \square \times 184$

$1 \times 16 = \square$

$237 \times 0 = \square$

$17 \div 1 = \square$

$1 = \square \div 1$

Complete the statements
in several different ways

Challenge It 4

$\square \square \square \times \square = \square \square \square \times \square$

$\square \square \square \div \square = \square \square \square \div \square$

$\square \square \square \times \square = \square \square \square \div \square$



Mixed 6, 7 and 9 Times Tables Game

Play It 4

You need:

0 - 9 Dice

Blank 0 - 100 number line

To play:

Players take it in turns to throw the dice and choose whether to multiply the number by 6, 7 or 9

They plot the product on the number line (convincing their partner it is in the right place!).

To win:

The winner is the first player to plot three points without their opponent's points in between.