



Colin and Coco's Deliberate Practice

Year 2 Unit 8

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 2x table and count in steps of 2 from zero		1	
Recall and use multiplication facts for the 2 times table	1		1
Recall and use division facts for the 2 times table	1		3
Recognise and use odd and even numbers			2
Build the 10x table and count in steps of 10 from zero	2		
Recall and use multiplication facts for the 10 times table	2		
Recall and use division facts for the 10 times table		2	
Build the 5x table and count in steps of 5 from zero	3		
Recall and use multiplication facts for the 5 times table	3	3	
Recall and use division facts for the 5 times table	3	3	3
Use factor, factor, product relationship to derive multiplication and division statements	4	4	4



Calculate:

Do It 1

$3 \times 2 = \square$

$8 \times 2 = \square$

$6 \div 2 = \square$

$16 = 2 \times \square$

$2 \times 6 = \square$

$12 \times 2 = \square$

$14 \div 2 = \square$

$4 = \square \div 2$

$2 \times 4 = \square$

$2 \times 5 = \square$

$18 \div 2 = \square$

$22 = \square \times 2$

$7 \times 2 = \square$

$2 \times 10 = \square$

$24 \div 2 = \square$

$9 = \square \div 2$

Challenge It 1

If I know... then I also know
Complete the tables.

2×1	2
2×2	
2×4	
2×8	

1×2	2
3×2	
$6 \times \underline{\quad}$	
$\underline{\quad} \times 2$	

2×2	
$\underline{\quad} \times 2$	
7×2	

2×1	
2×10	



2 Times Table Bingo

Play It 1

You need:

0 - 12 cards

To play:

Players draw a 3 by 3 Bingo card.

Players choose nine multiples of 2 and write them in the squares on their Bingo card.

Cards are shuffled and put in a deck face down. Turn over the top card.

Players multiply this number by two 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.

0	1	2	3	4
5	6	7	8	9
10	11	12		



Calculate:

Do It 2

$10 \times 4 = \square$

$12 \times 10 = \square$

$70 = 10 \times \square$

$120 = 10 \times \square$

$10 \times 6 = \square$

$0 \times 10 = \square$

$90 = 10 \times \square$

$20 = \square \times 10$

$10 \times 9 = \square$

$8 \times 10 = \square$

$50 = 10 \times \square$

$30 = \square \times 10$

$10 \times 7 = \square$

$11 \times 10 = \square$

$80 = 10 \times \square$

$100 = \square \times 10$

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

Challenge It 2

$100 \div 10$
$50 \div 10$
$30 \div 10$
$10 \div 10$
$110 \div 10$
$40 \div 10$
$120 \div 10$
$90 \div 10$

3
7
1
4
12
10
5
11



Odd or Even Game

Play It 2

You need:

1 - 100 Board

1 - 6 Dice

A counter each

To play:

Take it in turns to roll the dice and move up the board starting at 1

If the number you land on is odd you score a point.

To win:

The winner is the player with the most points when any player crosses 100



Calculate:

Do It 3

$5 \times 6 = \square$

$7 \times 5 = \square$

$40 \div 5 = \square$

$55 = 5 \times \square$

$5 \times 9 = \square$

$5 \times 5 = \square$

$15 \div 5 = \square$

$4 = \square \div 5$

$5 \times 8 = \square$

$5 \times 0 = \square$

$35 \div 5 = \square$

$20 = \square \times 5$

$5 \times 4 = \square$

$5 \times 12 = \square$

$50 \div 5 = \square$

$9 = \square \div 5$

Find the missing numbers.

Challenge It 3

x	3		
2			
5		20	
10			80

x			10
5	30	45	
	12		
			100

x			
			25
10		40	
	14	8	



Divide by 2 or 5 Game

Play It 3

You need:

Divide by 2 or 5 Game Board

1 - 6 Dice

A counter each

To play:

Take it in turns to roll the dice and move up the board.

Identify whether the number you have landed on is in the 2x table or the 5x table or both.

Divide the number you land on by 2 or 5 and score the answer. The answer must be 12 or less so you cannot choose to divide 60 by 2 in this game!!

To win:

The winner is the player with the most points when any player reaches the finish.



Divide by 2 or 5 Game Board

45	18	25	22	40	14
Finish					30
6	20	12	16	60	24
15					
5	10	12	40	22	60
					16
45	15	6	25	8	30
18	Start				
14	50	35	18	20	4



Do It 4

Use the numbers 2, 5 and 10 each time, to write 8 different calculations.

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

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

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

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

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

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

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

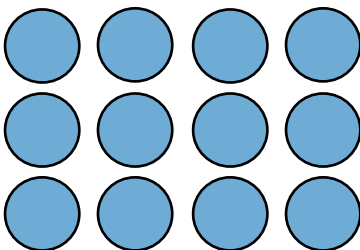
$$\square = \square \div \square$$

Use the numbers 7, 5 and 35 to write 8 different calculations.

Challenge It 4

Start with 12 counters.

Make different arrays and write sentences to match your arrays.
One has been started for you.



$\boxed{4}$ and $\square$ are factors of 12

$\square$ and $\square$ are factors of 12

Repeat with 15 counters.



Factor, Factor, Product Game

Play It 4

You need:

Product cards (At the bottom of this page.)

To play:

Shuffle the cards and place them in a deck face down.

Player 1 turns over the top card and states a factor, factor, product relationship using the number on the card as a product. They keep the card. If they cannot state a factor, factor, product relationship and player 2 can, then player 2 gets the card.

Player 2 turns over the next card and play continues.

To win:

The winner is the player with the most cards once all have been played.

10

12

16

18

20

25

30

35

40

45

15

60

50

110

100