

DOMINOS - CONVERTING BETWEEN FRACTIONS, DECIMALS AND PERCENTAGES

Cut out (and I would suggest laminate) the dominos below.

The students use these to have a game of dominos where they match fractions with decimals and percentages. E.g. 0.5 can be matched with 50% or $\frac{1}{2}$. There are different ways of playing dominos, below are basic game instructions.

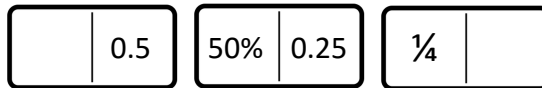
2-6 Players

Domino Instructions: Place all dominos face down. Each player chooses 7 dominos – the aim of the game is to get rid of all your dominos.

*Turn one domino face up. The first player then has to find one of their dominos which has a matching end to one of the face-up dominos ends. Place this end touching the matching end of the face-up domino. (e.g. 0.5 can be matched with 50% or $\frac{1}{2}$). Blanks go with anything.

*The next player then goes and so on until one player gets rid of all their dominos.

*If a player can not go (they have no matching pieces) they must pick up a face-down domino and miss their turn.



PREVIEW
THANKS FOR LOOKING

DOMINOS - CONVERTING BETWEEN FRACTIONS, DECIMALS AND PERCENTAGES

0.5	$\frac{2}{6}$	—	33%	0.4	$\frac{1}{2}$	0.3	0.75	50%	33%
25%	$\frac{2}{5}$	$\frac{3}{4}$	75%	$\frac{1}{4}$	$\frac{4}{10}$	$\frac{75}{100}$	$\frac{2}{5}$	$\frac{3}{3}$	1.0
$\frac{3}{10}$	—	$\frac{4}{10}$	—	$\frac{100}{100}$	$\frac{2}{6}$	$\frac{50}{100}$	75%	25%	$\frac{75}{100}$
—	30%	$\frac{3}{4}$	40%	1.0	$\frac{4}{10}$	30%	$\frac{3}{10}$	$\frac{1}{2}$	$\frac{100}{100}$
33%	—	0.3	—	$\frac{1}{4}$	$\frac{1}{3}$	40%	1.0	$\frac{3}{3}$	$\frac{6}{20}$
25%	—	$\frac{50}{100}$	—	0.33	0.4	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{3}{4}$
—	—	$\frac{1}{2}$	—	0.5	$\frac{3}{3}$	$\frac{2}{2}$	0.75	0.4	$\frac{25}{100}$

PREVIEW
 THANKS FOR LOOKING

DOMINOS - MULTIPLICATION

Cut out (and I would suggest laminate) the dominos below.

The students use these to have a game of dominos where they match fractions with decimals and percentages. E.g. 4×5 can be matched with 20. There are different ways of playing dominos, below are basic game instructions.

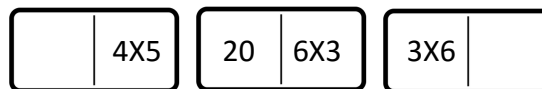
2-6 Players

Domino Instructions: Place all dominos face down. Each player chooses 7 dominos – the aim of the game is to get rid of all your dominos.

*Turn one domino face up. The first player then has to find one of their dominos which has a matching end to one of the face-up dominos ends. Place this end touching the matching end of the face-up domino. (e.g. 0.5 can be matched with 50% or $\frac{1}{2}$). Blanks go with anything.

*The next player then goes and so on until one player gets rid of all their dominos.

*If a player can not go (they have no matching pieces) they must pick up a face-down domino and miss their turn.



DOMINOS - CONVERTING BETWEEN FRACTIONS, DECIMALS AND PERCENTAGES

42	28		42	54	32	8x4	6x6	42	32
6x7	32	48	48	4x7	32	48	6x9	4x9	4x8
16	48	4x9	4x9	6x4	4x8	32	8x6	28	36
	4x9	4x6	4x6	3x4	28	16	4x7	36	6x9
6x8		9x4	9x4	6x7	36	6x8	36	48	12
54	32	4x7	4x7	4x9	36	9x6	12	7x6	36
		4x4	4x4	28	8x6	54	4x9	4x7	6x9

PREVIEW
THANKS FOR LOOKING

MULTIPLICATION TRIANGLE

$1 \times 1 = 1$	$2 \times 2 = 4$	$3 \times 3 = 9$	$4 \times 4 = 16$	$5 \times 5 = 25$	$6 \times 6 = 36$	$7 \times 7 = 49$	$8 \times 8 = 64$	$9 \times 9 = 81$	$10 \times 10 = 100$
$1 \times 2 = 2$	$2 \times 3 = 6$	$3 \times 4 = 12$	$4 \times 5 = 20$	$5 \times 6 = 30$	$6 \times 7 = 42$	$7 \times 8 = 56$	$8 \times 9 = 72$	$9 \times 10 = 90$	
$1 \times 3 = 3$	$2 \times 4 = 8$	$3 \times 5 = 15$	$4 \times 6 = 24$	$5 \times 7 = 35$	$6 \times 8 = 48$	$7 \times 9 = 63$	$8 \times 10 = 80$		
$1 \times 4 = 4$	$2 \times 5 = 10$	$3 \times 6 = 18$	$4 \times 7 = 28$	$5 \times 8 = 40$	$6 \times 9 = 54$	$7 \times 10 = 70$			
$1 \times 5 = 5$	$2 \times 6 = 12$	$3 \times 7 = 21$	$4 \times 8 = 32$	$5 \times 9 = 45$	$6 \times 10 = 60$				
$1 \times 6 = 6$	$2 \times 7 = 14$	$3 \times 8 = 24$	$4 \times 9 = 36$	$5 \times 10 = 50$					
$1 \times 7 = 7$	$2 \times 8 = 16$	$3 \times 9 = 27$	$4 \times 10 = 40$						
$1 \times 8 = 8$	$2 \times 9 = 18$	$3 \times 10 = 30$							
$1 \times 9 = 9$	$2 \times 10 = 20$								
$1 \times 10 = 10$									

Some multiplication facts are not shown

For example

$3 \times 4 = 12$, this is the same answer as $4 \times 3 = 12$
(so only 3×4 is shown)

7×2 gives the same answer as 2×7

YOU MAY ONLY HAVE 15 FACTS TO LEARN

(If you know your $1 \times$, $2 \times$, $5 \times$, $10 \times$, and $9 \times$)

THANKYOU FOR DOWNLOADING THIS PRODUCT.

IF YOU ENJOYED IT PLEASE LEAVE FEEDBACK OR
CHECK OUT MY OTHER PRODUCTS ON:

<https://www.teacherspayteachers.com/Store/Waterfall-Learning>

© 2015 C. Pedley: Waterfall Learning. All rights reserved. Purchase of this unit entitles the purchaser the right to reproduce the pages in limited quantities for classroom use only. Duplication for other individuals, entire schools, an entire school system, or commercial purposes is strictly forbidden without written permission from the author. Copying any part of this product and/or placing it on the internet in any form is strictly forbidden.

CLIP ART WAS EITHER CREATED FOR THIS PRODUCT OR
DOWNLOAD FROM
<https://openclipart.org>



WATERFALL LEARNING

Special thanks to the3am teacher for
providing some of the borders.

[Http://the3amteacher.blogspot.com/](http://the3amteacher.blogspot.com/)

