



Math worksheet on 'Factoring - Simplifying Multiplication with Factors - Bracketed Factors to Composite (Level 1)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Intro'

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1 Multiply the factors in the brackets to create a single multiplication

$$(3) \times (2 \times 5 \times 7)$$

a	b	c	d	e	f
1 × 68	0 × 66	4 × 73	3 × 70	6 × 71	1 × 70

2 Multiply the factors in the brackets to create a single multiplication

$$(7 \times 7) \times (3 \times 7)$$

a	b	c	d	e	f
44 × 22	44 × 25	47 × 17	46 × 18	49 × 21	53 × 22

3 Multiply the factors in the brackets to create a single multiplication

$$(2 \times 5) \times (5 \times 7)$$

a	b	c	d	e	f
10 × 30	10 × 35	12 × 30	13 × 33	10 × 36	6 × 38

4 Multiply the factors in the brackets to create a single multiplication

$$(7 \times 7) \times (5 \times 7)$$

a	b	c	d	e	f
45 × 34	51 × 34	47 × 31	49 × 33	50 × 39	49 × 35

5 Multiply the factors in the brackets to create a single multiplication

$$(5 \times 7) \times (5 \times 7)$$

a	b	c	d	e	f
35 × 35	38 × 39	30 × 36	38 × 33	35 × 39	36 × 37

6 Multiply the factors in the brackets to create a single multiplication

$$(2 \times 5 \times 5) \times (3)$$

a	b	c	d	e	f
49 × 1	51 × 3	54 × 2	52 × 7	50 × 3	48 × 7

7 Multiply the factors in the brackets to create a single multiplication

$$(2 \times 7) \times (2 \times 7)$$

a	b	c	d	e	f
14 × 12	11 × 17	14 × 14	17 × 9	13 × 14	14 × 15