



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

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

a	b	c	d	e	f
35 × 25	39 × 23	32 × 20	31 × 21	31 × 28	30 × 28

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

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

a	b	c	d	e	f
2 × 42	4 × 46	1 × 39	2 × 46	3 × 44	1 × 42

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

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

a	b	c	d	e	f
24 × 8	18 × 9	17 × 4	21 × 9	21 × 6	24 × 1

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

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

a	b	c	d	e	f
6 × 4	3 × 11	2 × 8	1 × 7	2 × 7	3 × 6

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

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

a	b	c	d	e	f
64 × 6	63 × 2	63 × 0	63 × 5	60 × 4	59 × 3

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

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

a	b	c	d	e	f
6 × 10	8 × 10	9 × 6	6 × 13	4 × 13	10 × 8

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

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

a	b	c	d	e	f
33 × 16	30 × 16	32 × 16	35 × 10	33 × 15	35 × 15