



Math worksheet on 'Factoring - Simplifying Multiplication with Factors - Bracketed Factors to Composite (Level 2)'. 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

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

a	102×68	b	102×71
c	98×70	d	93×69
e	96×68	f	94×70

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

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

a	b	c	d	e	f
28×27	23×28	23×31	26×28	27×24	31×27

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

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

a	b	c	d	e	f
22×73	27×75	24×79	27×70	24×70	23×79

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

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

a	b	c	d	e	f
56×9	55×12	60×9	56×6	55×13	59×8

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

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

a	b	c	d	e	f
21×74	16×74	17×71	14×72	18×70	20×73

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

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

a	b	c	d	e	f
41×31	44×37	40×35	36×35	41×38	40×31

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

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

a	b	c	d	e	f
10×70	8×70	8×67	12×71	10×72	12×69