



Math worksheet on 'Factoring - Simplifying Multiplication with Factors - Factors to Composite (Level 2)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Intro'

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1 Find a composite multiplication that is the same as the factored multiplication

$$2 \times 5 \times 7 \times 2 \times 5 \times 7$$

a	b	c	d	e	f
71×69	70×70	67×74	65×70	73×69	73×67

2 Find a composite multiplication that is the same as the factored multiplication

$$2 \times 3 \times 3 \times 5 \times 2 \times 5$$

a	b	c	d	e	f
85×7	90×10	85×13	90×8	88×13	92×6

3 Find a composite multiplication that is the same as the factored multiplication

$$3 \times 5 \times 5 \times 2 \times 5 \times 7$$

a	b	c	d	e	f
75×68	78×67	73×66	77×74	79×66	75×70

4 Find a composite multiplication that is the same as the factored multiplication

$$2 \times 2 \times 3 \times 2 \times 7 \times 7$$

a	12×98	b	12×100
c	11×93	d	10×101
e	8×93	f	15×102

5 Find a composite multiplication that is the same as the factored multiplication

$$2 \times 2 \times 3 \times 2 \times 5 \times 7$$

a	b	c	d	e	f
12×70	14×74	13×65	11×69	10×74	11×67

6 Find a composite multiplication that is the same as the factored multiplication

$$3 \times 7 \times 2 \times 3 \times 3 \times 3$$

a	b	c	d	e	f
20×54	17×52	17×57	19×51	21×54	22×50

7 Find a composite multiplication that is the same as the factored multiplication

$$3 \times 3 \times 2 \times 2 \times 3 \times 5$$

a	b	c	d	e	f
5×55	9×60	4×55	7×63	4×56	8×60