



Factoring - Simplifying Multiplication with Factors - Composite to Factors

<p>1 Simplify this multiplication to a fully factored multiplication</p> <p>49 × 90</p>	<p>A $7 \times 7 \times 2 \times 3 \times 5 \times 15$</p> <p>B $7 \times 7 \times 2 \times 3 \times 3 \times 5$</p> <p>C $7 \times 7 \times 2 \times 3 \times 5 \times 12$</p> <p>D $7 \times 7 \times 2 \times 3 \times 3 \times 9$</p> <p>E $7 \times 7 \times 2 \times 3 \times 3 \times 12$</p> <p>F $7 \times 7 \times 3 \times 3 \times 5 \times 15$</p>	<p>2 Simplify this multiplication to a fully factored multiplication</p> <p>45 × 42</p>	<p>A $2 \times 3 \times 5 \times 2 \times 3 \times 7$</p> <p>B $2 \times 3 \times 5 \times 2 \times 3 \times 7$</p> <p>C $2 \times 3 \times 5 \times 4 \times 3 \times 7$</p> <p>D $2 \times 3 \times 5 \times 1 \times 3 \times 7$</p> <p>E $3 \times 3 \times 5 \times 2 \times 3 \times 7$</p> <p>F $2 \times 3 \times 5 \times 3 \times 3 \times 7$</p>
<p>3 Simplify this multiplication to a fully factored multiplication</p> <p>8 × 12</p>	<p>A $2 \times 2 \times 1 \times 2 \times 2 \times 3$</p> <p>B $2 \times 2 \times 2 \times 2 \times 2 \times 3$</p> <p>C $2 \times 1 \times 1 \times 2 \times 5 \times 1$</p> <p>D $2 \times 2 \times 4 \times 2 \times 2 \times 3$</p> <p>E $2 \times 2 \times 1 \times 2 \times 2 \times 1$</p> <p>F $2 \times 2 \times 1 \times 2 \times 5 \times 1$</p>	<p>4 Simplify this multiplication to a fully factored multiplication</p> <p>25 × 60</p>	<p>A $4 \times 5 \times 2 \times 1 \times 3 \times 5$</p> <p>B $9 \times 5 \times 2 \times 2 \times 3 \times 5$</p> <p>C $9 \times 5 \times 2 \times 3 \times 3 \times 5$</p> <p>D $4 \times 5 \times 2 \times 5 \times 3 \times 5$</p> <p>E $4 \times 5 \times 4 \times 5 \times 3 \times 5$</p> <p>F $5 \times 5 \times 2 \times 2 \times 3 \times 5$</p>
<p>5 Simplify this multiplication to a fully factored multiplication</p> <p>24 × 35</p>	<p>A $5 \times 2 \times 2 \times 6 \times 5 \times 6$</p> <p>B $5 \times 2 \times 2 \times 3 \times 5 \times 7$</p> <p>C $8 \times 2 \times 2 \times 6 \times 5 \times 4$</p> <p>D $2 \times 2 \times 2 \times 3 \times 5 \times 7$</p> <p>E $8 \times 2 \times 6 \times 6 \times 5 \times 4$</p> <p>F $5 \times 2 \times 6 \times 6 \times 5 \times 6$</p>	<p>6 Simplify this multiplication to a fully factored multiplication</p> <p>84 × 15</p>	<p>A $2 \times 2 \times 3 \times 7 \times 3 \times 5$</p> <p>B $1 \times 1 \times 5 \times 1 \times 4 \times 4$</p> <p>C $1 \times 1 \times 5 \times 5 \times 4 \times 5$</p> <p>D $2 \times 1 \times 3 \times 7 \times 3 \times 5$</p> <p>E $1 \times 1 \times 5 \times 7 \times 4 \times 5$</p> <p>F $2 \times 1 \times 5 \times 7 \times 3 \times 5$</p>
<p>7 Simplify this multiplication to a fully factored multiplication</p> <p>100 × 15</p> <p>A $2 \times 2 \times 5 \times 7 \times 3 \times 3$</p> <p>B $2 \times 2 \times 5 \times 5 \times 3 \times 5$</p> <p>C $2 \times 2 \times 5 \times 5 \times 3 \times 3$</p> <p>D $6 \times 2 \times 5 \times 5 \times 3 \times 2$</p> <p>E $6 \times 3 \times 5 \times 5 \times 3 \times 6$</p> <p>F $2 \times 3 \times 5 \times 5 \times 3 \times 5$</p>	<p>8 Simplify this multiplication to a fully factored multiplication</p> <p>35 × 36</p>	<p>A $5 \times 7 \times 2 \times 3 \times 3 \times 3$</p> <p>B $5 \times 7 \times 2 \times 2 \times 3 \times 3$</p> <p>C $6 \times 7 \times 6 \times 3 \times 3 \times 3$</p> <p>D $5 \times 7 \times 2 \times 1 \times 3 \times 3$</p> <p>E $6 \times 7 \times 3 \times 3 \times 3 \times 3$</p> <p>F $5 \times 7 \times 6 \times 3 \times 3 \times 3$</p>	