

3.OA.D.9 Subtraction Patterns

3.OA.D.9: Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.

Complete each pattern below.

<p>1.</p> <p>$3 - 2 = \underline{\hspace{2cm}}$</p> <p>$30 - 20 = \underline{\hspace{2cm}}$</p> <p>$300 - 200 = \underline{\hspace{2cm}}$</p> <p>$3,000 - 2,000 = \underline{\hspace{2cm}}$</p>	<p>2.</p> <p>$9 - 5 = \underline{\hspace{2cm}}$</p> <p>$90 - 50 = \underline{\hspace{2cm}}$</p> <p>$900 - 500 = \underline{\hspace{2cm}}$</p> <p>$9,000 - 5,000 = \underline{\hspace{2cm}}$</p>	<p>3.</p> <p>$7 - 1 = \underline{\hspace{2cm}}$</p> <p>$70 - 10 = \underline{\hspace{2cm}}$</p> <p>$700 - 100 = \underline{\hspace{2cm}}$</p> <p>$7,000 - 1,000 = \underline{\hspace{2cm}}$</p>
<p>4.</p> <p>$8 - 4 = \underline{\hspace{2cm}}$</p> <p>$80 - 40 = \underline{\hspace{2cm}}$</p> <p>$800 - 400 = \underline{\hspace{2cm}}$</p> <p>$8,000 - 4,000 = \underline{\hspace{2cm}}$</p>	<p>5.</p> <p>$7 - 2 = \underline{\hspace{2cm}}$</p> <p>$70 - 20 = \underline{\hspace{2cm}}$</p> <p>$700 - 200 = \underline{\hspace{2cm}}$</p> <p>$7,000 - 2,000 = \underline{\hspace{2cm}}$</p>	<p>6.</p> <p>$9 - 6 = \underline{\hspace{2cm}}$</p> <p>$90 - 60 = \underline{\hspace{2cm}}$</p> <p>$900 - 600 = \underline{\hspace{2cm}}$</p> <p>$9,000 - 6,000 = \underline{\hspace{2cm}}$</p>

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Answer Key

3.OA.D.9: Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations.

Complete each pattern below.

<p>1.</p> $3 - 2 = \underline{1}$ $30 - 20 = \underline{10}$ $300 - 200 = \underline{100}$ $3,000 - 2,000 = \underline{1,000}$	<p>2.</p> $9 - 5 = \underline{4}$ $90 - 50 = \underline{40}$ $900 - 500 = \underline{400}$ $9,000 - 5,000 = \underline{4,000}$	<p>3.</p> $7 - 1 = \underline{6}$ $70 - 10 = \underline{60}$ $700 - 100 = \underline{600}$ $7,000 - 1,000 = \underline{6,000}$
<p>4.</p> $8 - 4 = \underline{4}$ $80 - 40 = \underline{40}$ $800 - 400 = \underline{400}$ $8,000 - 4,000 = \underline{4,000}$	<p>5.</p> $7 - 2 = \underline{5}$ $70 - 20 = \underline{50}$ $700 - 200 = \underline{500}$ $7,000 - 2,000 = \underline{5,000}$	<p>6.</p> $9 - 6 = \underline{3}$ $90 - 60 = \underline{30}$ $900 - 600 = \underline{300}$ $9,000 - 6,000 = \underline{3,000}$