

# Algebra

## A033-Factoring Quadratics



Factor the following equations

<b>1.</b> $x^2 + 19x + 34$ A) $(x + 17)(x + 2)$ B) $(x + 19)(x + 34)$ C) $(x + 10)(x + 9)$ D) $(x + 14)(x + 20)$	<b>6.</b> $x^2 + 16x + 39$ A) $(x + 8)(x + 2)$ B) $(x + 13)(x + 3)$ C) $(x + 16)(x + 39)$ D) $(x + 16)(x + 13)$
<b>2.</b> $x^2 + 18x + 45$ A) $(x + 9)(x + 5)$ B) $(x + 18)(x + 3)$ C) $(x + 3)(x + 15)$ D) $(x + 9)(x + 2)$	<b>7.</b> $x^2 + 9x + 18$ A) $(x + 3)(x + 6)$ B) $(x + 3)(x + 3)$ C) $(x + 9)(x + 18)$ D) $(x + 6)(x + 9)$
<b>3.</b> $x^2 + 12x + 32$ A) $(x + 6)(x + 4)$ B) $(x + 4)(x + 3)$ C) $(x + 8)(x + 3)$ D) $(x + 4)(x + 8)$	<b>8.</b> $x^2 + 27x + 92$ A) $(x + 27)(x + 2)$ B) $(x + 13)(x + 5)$ C) $(x + 23)(x + 4)$ D) $(x + 22)(x + 5)$
<b>4.</b> $x^2 + 11x + 30$ A) $(x + 7)(x + 4)$ B) $(x + 15)(x + 2)$ C) $(x + 6)(x + 5)$ D) $(x + 11)(x + 30)$	<b>9.</b> $x^2 + 13x + 36$ A) $(x + 9)(x + 4)$ B) $(x + 3)(x + 12)$ C) $(x + 7)(x + 6)$ D) $(x + 13)(x + 1)$
<b>5.</b> $x^2 + 18x + 72$ A) $(x + 10)(x + 8)$ B) $(x + 6)(x + 12)$ C) $(x + 36)(x + 2)$ D) $(x + 2)(x + 6)$	<b>10.</b> $x^2 + 18x + 32$ A) $(x + 8)(x + 4)$ B) $(x + 9)(x + 2)$ C) $(x + 16)(x + 2)$ D) $(x + 18)(x + 32)$