

- 2 $3x^2 + 2x - 5 > 0$ $S =]-\infty; -\frac{5}{3}[\cup]1; +\infty[$
- 3 $x^2 - 10x + 40 > 0$ $S = \mathbb{R}$
- 4 $-4x^2 + x \leq 0$ $S =]-\infty; 0] \cup [\frac{1}{4}; +\infty[$
- 5 $9x^2 - 16 < 0$ $S =]-\frac{4}{3}; \frac{4}{3}[$
- 6 $3x^2 - 2x - 5 < 0$ $S =]-1; \frac{5}{3}[$
- 7 $2x^2 - 5x + 3 \geq 0$ $S =]-\infty; 1] \cup [\frac{3}{2}; +\infty[$
- 8 $5x^2 - 23x + 12 \leq 0$ $S = [\frac{3}{5}; 4]$
- 9 $2x^2 - 3x + 5 < 0$ $S = \emptyset$
- 10 $x^2 - 10x + 25 > 0$ $S = \mathbb{R} - \{5\}$
- 11 $3x^2 + 8 \geq 0$ $S = \mathbb{R}$
- 12 $8x^2 - 7x > 0$ $S =]-\infty; 0[\cup]\frac{7}{8}; +\infty[$
- 13 $1 - 4x^2 \geq 0$ $S = [-\frac{1}{2}; \frac{1}{2}]$
- 14 $x^2 - 6x + 9 < 0$ $S = \emptyset$
- 15 $6x^2 + 5x - 21 \geq 0$ $S =]-\infty; -\frac{7}{3}] \cup [\frac{3}{2}; +\infty[$
- 16 $-4x^2 - 7x - 3 > 0$ $S =]-1; -\frac{3}{4}[$