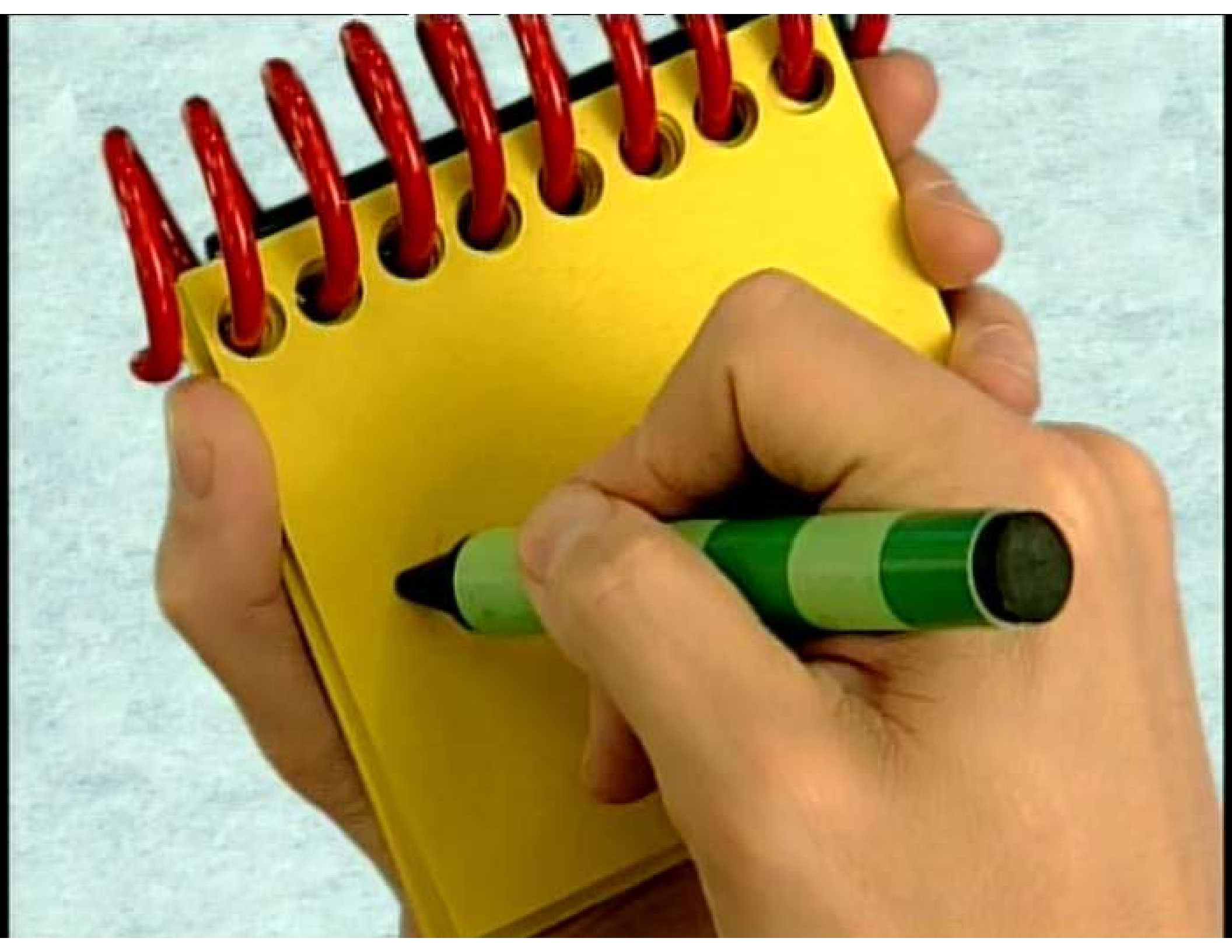
WAY COOL Algebra

Blue's
Clues



Square Roots

1ST CLUE

Simplify each square root.

1) $\sqrt{441}$

2) $\sqrt{108}$

3) $\sqrt{800}$

4) $\sqrt{432}$

Substitution

2ND CLUE

Substitute and Evaluate.

1) $a = 5, b = -3$

$$3a + 2b$$

2) $a = -6, b = -2$

$$2a^2 - b$$

3) $a = 37, b = 13$

$$\sqrt{a - b}$$

4) $a = -8, b = -3$

$$\sqrt{b^2 - 2a}$$

Quadratics

3RD CLUE

Put in Standard Form. Identify its coefficients.

1) $2x^2 - 8x + 12 = 0$

2) $x^2 - 36 = 0$

3) $-x^2 + 7x = 15$

4) $4x = 10 - x^2$