te in exponential form.

$$\frac{10}{\sqrt[9]{y^{17}}}$$

$$\frac{10}{y^{17/9}} \text{ OR } 10y^{-17/9}$$

$$\sqrt{64h^3}$$

$$64^{\frac{1}{2}} h^{\frac{3}{2}}$$

$$8h^{3/2}$$

5) $\sqrt{3x+7} - x = 3$

$+x \quad +x$

$(\sqrt{3x+7})^2 = (x+3)^2$

	x	$+3$
x	x^2	$3x$
$+3$	$3x$	9

$3x+7 = (x+3)(x+3)$

$3x+7 = x^2+6x+9$

$-3x \quad -7$

$3x \quad -7$

$0 = x^2+3x+2$

$a \cdot c$

2

1 $\cdot$ 2

$+$

3

b

$0 = (x+1)(x+2)$

$0 = x+1$ $\quad$ $0 = x+2$

$-1 = x$ $\quad$ $-2 = x$

$\sqrt{3(-1)+7} - (-1) = 3$ $\quad$ $\sqrt{3(-2)+7} - (-2) = 3$

$\sqrt{4} + 1 = 3$ $\quad$ $\sqrt{1} + 2 = 3$

$2+1=3\checkmark$ $\quad$ $1+2=3\checkmark$

How do we solve radical equations?