WORKSHEET 1

Solve the following equations. Drop the answers from the box below for each question.

1) $x^2 - 3x = 0$

2) $x^2 + 7x = 0$

3) $3x^2 - x = 0$

4) $x^2 - 16 = 0$

5) $4x^2 - 1 = 0$

6) $2x^2 = 3x$

The answers.

$x(3x-1)=0$	$x(x-3)=0$	$x(x+7)=0$
$(2x+1)(2x-1)=0$	$(x+4)(x-4)=0$	$x(2x-3)=0$
$x=0 \;\; or \;\; x=3$	$x=0 \;\; or \;\; x=\frac{1}{3}$	$x=0 \;\; or \;\; x=\frac{3}{2}$
$x=0 \;\; or \;\; x=-7$	$x=-\frac{1}{2} \;\; or \;\; x=\frac{1}{2}$	$x=4 \;\; or \;\; x=-4$

WORKSHEET 1

Solve the following equations. Drop the answers from the box below for each question.

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

2) $x^2 + 5x - 14 = 0$

3) $x^2 + 2x - 15 = 0$

4) $3x^2 + 10x - 8 = 0$

5) $6x^2 - 13x + 6 = 0$

6) $4x^2 - 3x = 10$

The answers.

$(x-3)(x+5)=0$	$(3x-2)(2x-3)=0$	$(x-2)(x+7)=0$
$(4x+5)(x-2)=0$	$(x-2)(x-6)=0$	$(3x-2)(x+4)=0$
$x=-\frac{5}{4}\ or\ x=2$	$x=3\ or\ x=-5$	$x=\frac{2}{3}\ or\ x=\frac{3}{2}$
$x=2\ or\ x=6$	$x=\frac{2}{3}\ or\ x=-4$	$x=2\ or\ x=-7$