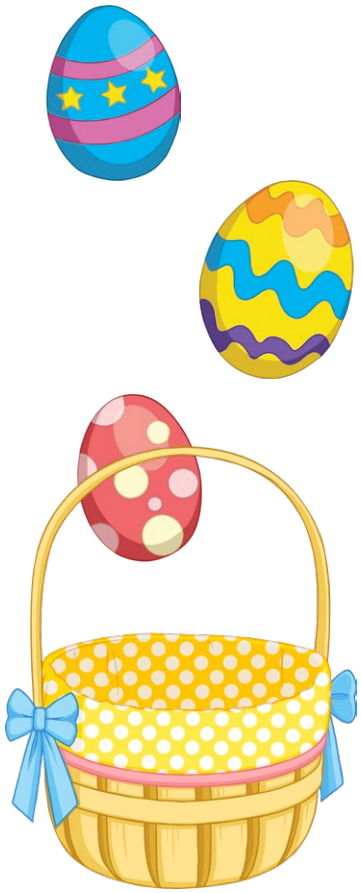
Easter Quadratic Equations

Solve the equations and find the solutions in the grid.
If an equation has 2 solutions, colour both solutions.

-3.5	0.8	56	-37	73	-33	52	30
92	0.7	-71	0.9	-71	26	144	19
19	17	-18	-29	100	-3	13	-27
-35	12	4	0.7	54	-10	14	$\frac{1}{5}$
-71	18	9	0.6	32	$-\frac{10}{3}$	15	-21
-22	-13	-1	-65	-0.1	$-\frac{1}{3}$	-2	32
-93	8	6	-16	2	$\frac{2}{3}$	-4	-54
29	-11	79	-14	-8	35	-15	0.3
-98	3	0	5.5	3.5	5	1	-19
-1.7	7	-5	11	20	-7	10	78
75	-6	-17	-12	-9	$-\frac{1}{2}$	22	54
23	0.32	89	-38	-56	-121	4.5	40
-0.9	-26	-54	-90	39	57	51	-90



If $-18 \leq x \leq 10$,
shade the square grey.

If $x > 10$,
shade the square pink.

Leave all other squares blank.

a) $3x - 39 = 0$

b) $3x + 1 = 0$

c) $2x - 11 = 0$

d) $(x - 14)(x + 17) = 0$

e) $(x - 18)(x + 18) = 0$

f) $(2x - 7)(x - 17) = 0$

g) $(3x + 10)(x + 16) = 0$

h) $x^2 - 20x = 0$

i) $x^2 + 9x + 20 = 0$

j) $x^2 + 9x + 8 = 0$

k) $x^2 - 3x - 10 = 0$

l) $x^2 - 7x + 12 = 0$

m) $x^2 - 9x + 14 = 0$

n) $x^2 + 3x - 54 = 0$

o) $x^2 - 100 = 0$

p) $x^2 - 121 = 0$

q) $x^2 - 225 = 0$

r) $x^2 - 144 = 0$

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

t) $x^2 - x - 56 = 0$

u) $2x^2 - 17x - 9 = 0$

v) $3x^2 + 37x - 26 = 0$

w) $x^2 + 28x + 196 = 0$

Easter Quadratic Equations Answers

Solve the equations and find the solutions in the grid.
If an equation has 2 solutions, colour both solutions.

-3.5	0.8	56	-37	73	-33	52	30
92	0.7	-71	0.9	-71	26	144	19
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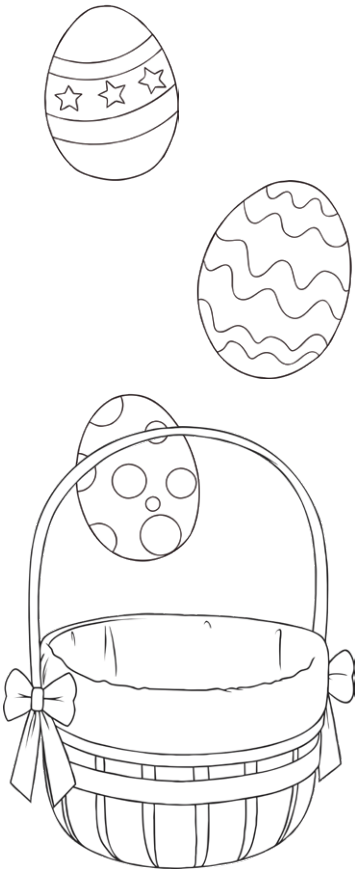

If $-18 \leq x \leq 10$,
shade the square grey.

If $x > 10$,
shade the square pink.

Leave all other squares blank.

a) $3x - 39 = 0$
$x = 13$

b) $3x + 1 = 0$
$x = -\frac{1}{3}$

c) $2x - 11 = 0$
$x = 5.5$

d) $(x - 14)(x + 17) = 0$
$x = 14, x = -17$

e) $(x - 18)(x + 18) = 0$
$x = 18, x = -18$

f) $(2x - 7)(x - 17) = 0$
$x = 3.5, x = 17$

g) $(3x + 10)(x + 16) = 0$
$x = -\frac{10}{3}, x = -16$

h) $x^2 - 20x = 0$
$x = 0, x = 20$

i) $x^2 + 9x + 20 = 0$
$x = -4, x = -5$

j) $x^2 + 9x + 8 = 0$
$x = -8, x = -1$

k) $x^2 - 3x - 10 = 0$
$x = -2, x = 5$

l) $x^2 - 7x + 12 = 0$
$x = 3, x = 4$

m) $x^2 - 9x + 14 = 0$
$x = 2, x = 7$

n) $x^2 + 3x - 54 = 0$
$x = -9, x = 6$

o) $x^2 - 100 = 0$
$x = 10, x = -10$

p) $x^2 - 121 = 0$

$x = -11$, $x = 11$

q) $x^2 - 225 = 0$

$x = -15$, $x = 15$

r) $x^2 - 144 = 0$

$x = 12$, $x = -12$

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

$x = 1$, $x = -3$

t) $x^2 - x - 56 = 0$

$x = 8$, $x = -7$

u) $2x^2 - 17x - 9 = 0$

$x = -\frac{1}{2}$, $x = 9$

v) $3x^2 + 37x - 26 = 0$

$x = \frac{2}{3}$, $x = -13$

w) $x^2 + 28x + 196 = 0$

$x = -14$