How did Mr Plant make 7 less odd?

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$\quad\ e\quad\ b\qquad\ \ i\quad\ c\quad\ g\quad\ l\qquad\quad o\quad n\quad\ j\quad\ a$

$\underline{}\ \underline{}\ \underline{}$ $\underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}$ $\underline{}\ \underline{}\ \underline{}\ \underline{}\ \underline{}$
$\ f\quad\ s\quad k\qquad\ w\quad\ x\quad\ p\quad\ r\quad\ u\qquad\ t\quad\ q\quad\ v\quad\ d\quad m\quad\ h$

Simplify	Expand	Factorise
a) $3x + 3x$	i) $4(x + 2)$	q) $5x + 10$
b) $9x^2 - x^2$	j) $4(2x + 2)$	r) $5x + 5$
c) $x \times 8$	k) $x(x + 4)$	s) $5x + x^2$
d) $2x \times 3x$	l) $x(x - 4)$	t) $10 + 2x$
e) $3x^2 + 6x^2$	m) $4(x + y)$	u) $x^2 - 5x$
f) $x^2 \times 6x$	n) $x(y + z)$	v) $x^2 + 5x$
g) $8x^4 - 2x^4$	o) $x^2(x + 4)$	w) $x^2 + xy$
h) $9x \div x$	p) $4(2 - x)$	x) $10 + 5x$

Answers

$6x \to$ Y	$8x \to$ O	$4x + 8 \to$ T	$x^2 + 4x \to$ S	$x(x + 5) \to$ T	$5(x + 2) \to$ E
$6x^2 \to$ T	$8x^2 \to$ E	$8 - 4x \to$ R	$x^3 + 4x^2 \to$ A	$x(x - 5) \to$ T	$5(x + 1) \to$ S
$6x^3 \to$ I	$9 \to$ R	$8x + 8 \to$ A	$x^2 - 4x \to$ K	$x(5 + x) \to$ T	$5(2 + x) \to$ I
$6x^4 \to$ O	$9x^2 \to$ H	$4x + 4y \to$ E	$xy + xz \to$ W	$x(x + y) \to$ F	$2(5 + x) \to$ L

Why do rabbits not like to add repeatedly?

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$\ e\quad\ b\quad\ i\quad\ c\qquad\ g\quad\ l\quad\ o\quad\ n\quad\ j\quad\ a$

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$\ f\quad\ s\quad\ k\quad\ w\quad\ x\quad\ p\quad\ r\quad\ u\quad\ t\quad\ q\quad\ v\quad\ d\quad m\quad\ h$

Calculate if $a = 3$ and $b = -2$	Write an expression for:	Solve
a) $4a$	i) three more than a number	q) $5x = 10$
b) a^3	j) two less than a number	r) $x + 5 = 12$
c) ab	k) six times a number	s) $5 = 2x$
d) $2a + 3b$	l) a number times itself	t) $10 = 2 + x$
e) $(a + b)^2$	m) one more than two times a number	u) $x^2 = 16$
f) $a - b$	n) two different numbers added	v) $3x = -27$
g) $2a^2$	o) six is added to a number, then doubled	w) $x + 7 = 5$
h) $-9b$	p) a number is doubled, then six is added	x) $2x + 3 = 5$

Answers

$x - 2 \to$ E	$2(x + 6) \to$ E	$12 \to$ R	$-6 \to$ Y	$-18 \to$ N	$x = 2.5 \to$ U
$x = 1 \to$ I	$2x + 6 \to$ P	$27 \to$ H	$18 \to$ P	$n^2 \to$ R	$x = -2 \to$ T
$x = 4 \to$ I	$1 \to$ T	$a + b \to$ F	$x + 3 \to$ E	$6x \to$ L	$5 \to$ M
$x = 8 \to$ C	$x = 7 \to$ L	$2n + 1 \to$ O	$x = -9 \to$ T	$0 \to$ I	$x = 2 \to$ A

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