

Homework

Factoring $ax^2 + bx + c$

The **area** is given. Find the **length** and **width**. The **product** is given. Find the **factors**.

1. ()() =

x^2	$7x$
$4x$	28

6. ()() =

$8x^2$	$2x$
$20x$	5

2. ()() =

x^2	$-5x$
$-1x$	5

7. ()() =

$4x^2$	$-1x$
$8x$	-2

3. ()() =

x^2	$-8x$
$-4x$	32

8. ()() =

$2x^2$	$-10x$
$-3x$	15

4. ()() =

x^2	$-3x$
$9x$	-27

9. ()() =

$6x^2$	$-2x$
$9x$	-3

5. ()() =

x^2	$5x$
$-9x$	-45

10. ()() =

$12x^2$	$20x$
$-3x$	-5