

1. (a) Expand $x(x + 4)$

$$x(x + 4) = \dots \dots \quad \underline{\hspace{2cm}}$$

“invisible times sign” ↑ ↓ which sign?

- (b) Expand $y(y - 4)$

2. Expand and simplify $(k + 1)(k + 3)$

$$(k + 1) \times (k + 3) =$$

k	$+3$
k	
$+1$	

.....

3. Expand and simplify $(x + 3)(x - 2)$

$$(x + 3) \times (x - 2) =$$

x	-2
x	
$+3$	

.....

4. Expand $y(y + 2)$ or $y(y - 2)$

5. Expand and simplify $(x + 5)(x + 3)$ or $(x + 5)(x - 3)$ or $(x - 5)(x + 3)$

6. Expand and simplify $(x - 5)(x - 3)$

7. Expand and simplify $(q - 2)(q + 2)$

8. Expand $a(5a + 3)$

9. Expand $5k(2 - k)$ or $5k(1 + 3k)$

10. Expand and simplify $(q - 3)(3q + 1)$ or $(2q + 3)(3q - 5)$

11. Expand and simplify $(5m + n)(2m - n)$