E Finding the Squares of Numbers Ending in 5

When finding the squares of numbers ending in 5, do the following. S
the 5 and write it down. Then add 1 to the tens and multiply the two.

Examples:

What is the value of (a) 25^2 (b) 35^2?

Solutions:

(a)	(b)
25^2	35^2
$2 \times (2 + 1)$ 5×5	$3 \times (3 + 1)$ 5×5
$= 2 \times 3$ 25	$= 3 \times 4$ 25
625 ans	1 225 ans

EXERCISE 18.4

1. Following the examples above, attempt these squ

(a) 15^2 =

(b) 45^2 =

(c) 55^2 =

(d) 65^2 =

(e) 75^2 =

(f) 85^2 =

(g) 95^2 =

(h) 105^2 =

(i) 115^2 =