Fill in the Blanks — Direct Proportion

General Statement	General Equation	Table of Values	Value of k	Specific Equation	When $x = 5$, $y =$?	When $y = 24$, $x =$?
$y \propto x$	$y = kx$	x: 1, 2, 10 / y: 3, ,	$k = 3$	$y = 3x$	$y = 3 \times 5$ $y = 15$	$24 = 3 \times x$ $x = 8$
$y \propto x$	$y = kx$	x: 1, 2, 10 / y: 8, , 80				$x = 3$
		x: 1, 2, 10 / y: , ,		$y = 2.5x$		$24 = 2.5 \times x$ $x = 9.6$
$y \propto x$		x: 1, 2, 10 / y: , 10,				
$y \propto x^2$	$y = kx^2$	x: 1, 2, 10 / y: , , 600	$k = 6$			$24 = 6 \times x^2$ $x = 2$
$y \propto x^2$		x: 1, 2, 10 / y: , , 150				
		x: 1, 2, 10 / y: , 1,	$k = 0.5$			