

1983 FG9.3

若兩直線 $2y + x + 3 = 0$ 及 $3y + cx + 2 = 0$ 互相垂直，求 c 的值。

If the lines $2y + x + 3 = 0$ and $3y + cx + 2 = 0$ are perpendicular, find the value of c .

1984 FSG.3

若兩直線 $x + 2y + 1 = 0$ 及 $cx + 3y + 1 = 0$ 互相垂直，求 c 的值。

If the lines $x + 2y + 1 = 0$ and $cx + 3y + 1 = 0$ are perpendicular, find the value of c .

1985 FI4.1

若兩綫 $x + 2y + 3 = 0$ 及 $4x - ay + 5 = 0$ 互相垂直，求 a 的值。

If the lines $x + 2y + 3 = 0$ and $4x - ay + 5 = 0$ are perpendicular to each other, find the value of a .

1986 FSG.2 1992 FI3.2

若直綫 $2x + 2y + 1 = 0$ 及 $3x + by + 5 = 0$ 互相垂直，求 b 的值。

If the lines $2x + 2y + 1 = 0$ and $3x + by + 5 = 0$ are perpendicular, find the value of b .

1987 FG10.2

若直綫 $3x - 2y + 1 = 0$ 及 $20x + By + 1 = 0$ 互相垂直，求 B 的值。

If the lines $3x - 2y + 1 = 0$ and $20x + By + 1 = 0$ are perpendicular, find the value of B .

1988 FI2.4

A 、 B 及 C 依次為 $(2, 5)$ 、 $(2, 3)$ 及 $(4, b)$ 。若 $AB \perp BC$ ，求 b 的值。

A , B and C are the points $(2, 5)$, $(2, 3)$ and $(4, b)$ respectively.

If $AB \perp BC$, find the value of b .

1988 FG8.2

若直綫 $x + 5y = 0$ 及 $Tx - 27y = 0$ 互相垂直，求 T 的值。

If the lines $x + 5y = 0$ and $Tx - 27y = 0$ are perpendicular to each other, find the value of T .

1989 FI1.2

兩直綫 $35x + by = 0$ 及 $x - 5y + 1 = 0$ 互相垂直。求 b 的值。

The lines $35x + by = 0$ and $x - 5y + 1 = 0$ are perpendicular to each other.

Find the value of b .

1990 FI5.2

若直綫 $17x + by = 1$ 及 $10x - 34y = 3$ 互相垂直，求 b 的值。

If the lines $17x + by = 1$ and $10x - 34y = 3$ are perpendicular to each other, find the value of b .

1991 FSI.4

若直綫 $5x + 10y = 4$ 及 $dx - y = 5$ 互相垂直，求 d 的值。

If the lines $5x + 10y = 4$ and $dx - y = 5$ are perpendicular to each other, find the value of d .

Answers

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