











Purpose of the mathematics classroom is to help Students

(Polya, how to solve it)

- One of the most important tasks of the teacher is to help his students.
 - This task is not quite easy; it demands time, practice, devotion, and sound principles.
- The student should acquire as much experience of independent work as possible.
 - But if he is left alone with his problem without any help or with insufficient help, he may make no progress at all.
 - If teacher helps too much, nothing is left to the student.
- The teacher should help, but not too much and not too little, so that student shall have reasonable share of the work.

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	Area of Cabin and the Number of People			
			Area (m²)	Number of People
From anticipating students'		А	16	6
responses		В	16	5
		С	15	5
Cabin A:16÷6=2.666 Cabin C: 15÷5=3 m² / people	6×5=30 Cabin A:16×5=80 Cabin C: 15×6=90			m² / people
Cabin A: 6÷16=0.375	16×15=240			
Cabin C: 5÷15=0.333	Cabin A:6×15=90 Cabin C: 5×16=80			
people / m²				people / m ²
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Two major types of professional development programs

learning by reading, listening and seeing learning through planning, doing, and reflecting



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