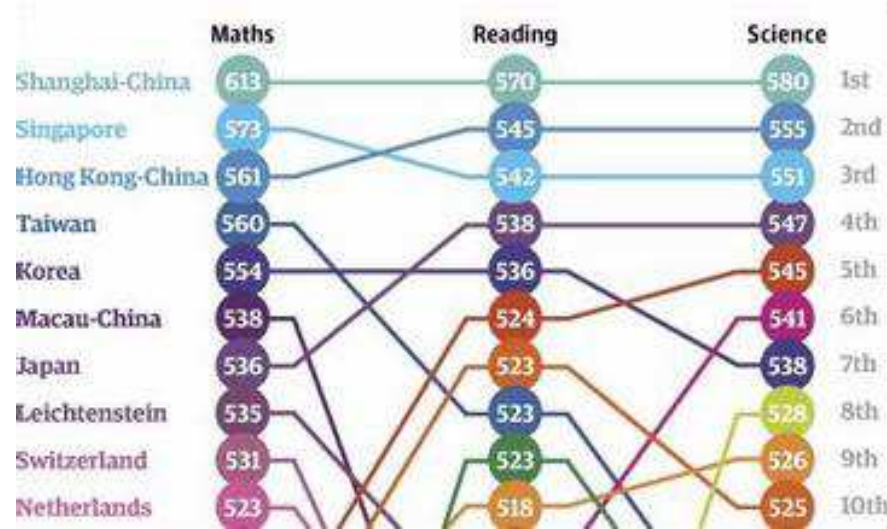


# What Resources Help Chinese Children Learn Better


Li Pengyi Vice-President of PAC



# Shanghai drew world attention after winning PISA.



“The stunning success of Shanghai China, which tops every league table in this assessment by a clear margin, shows what can be achieved with moderate economic resources and in a diverse social context.”

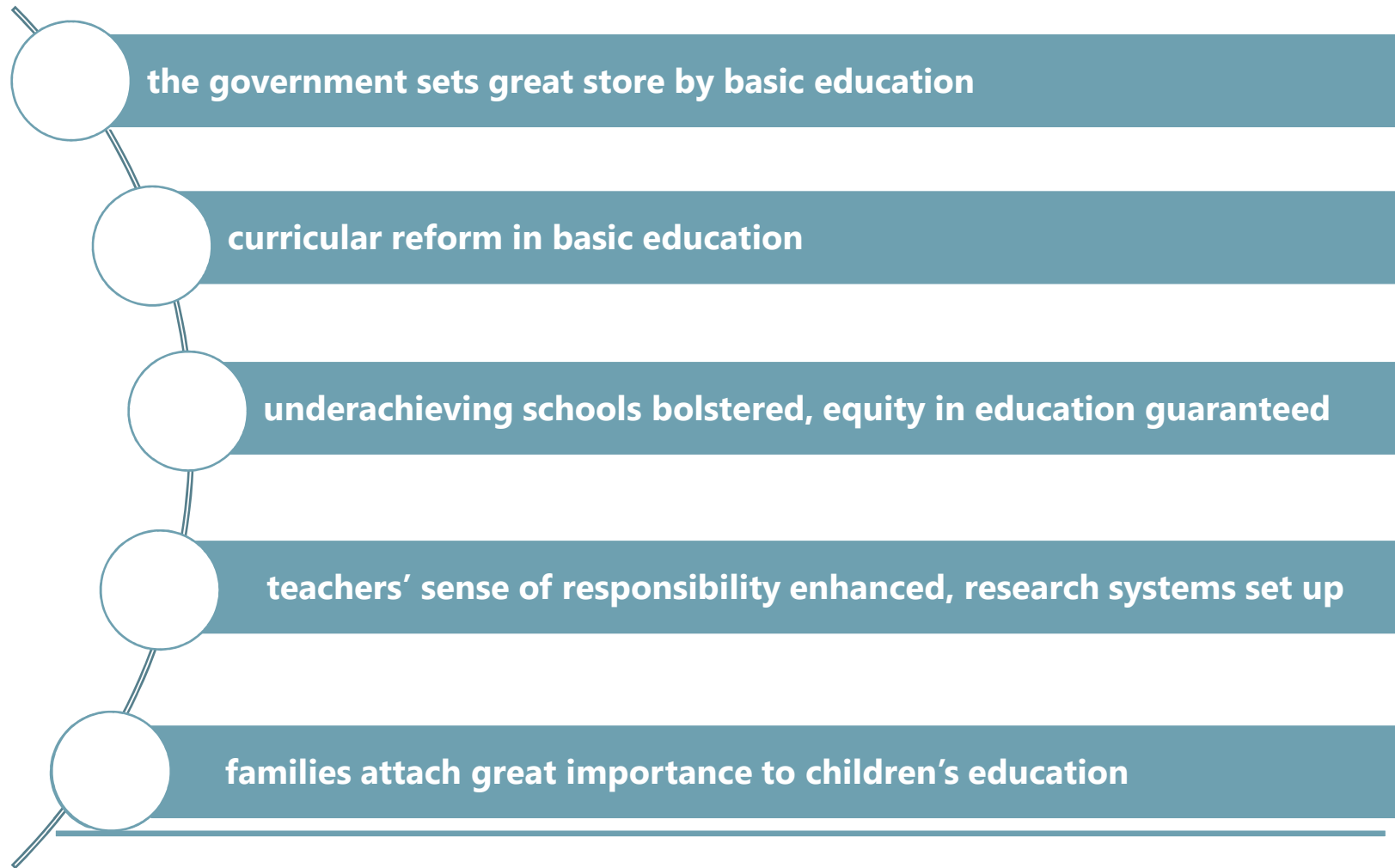


75% of Beijing's junior secondary school students correctly answered the math problem:

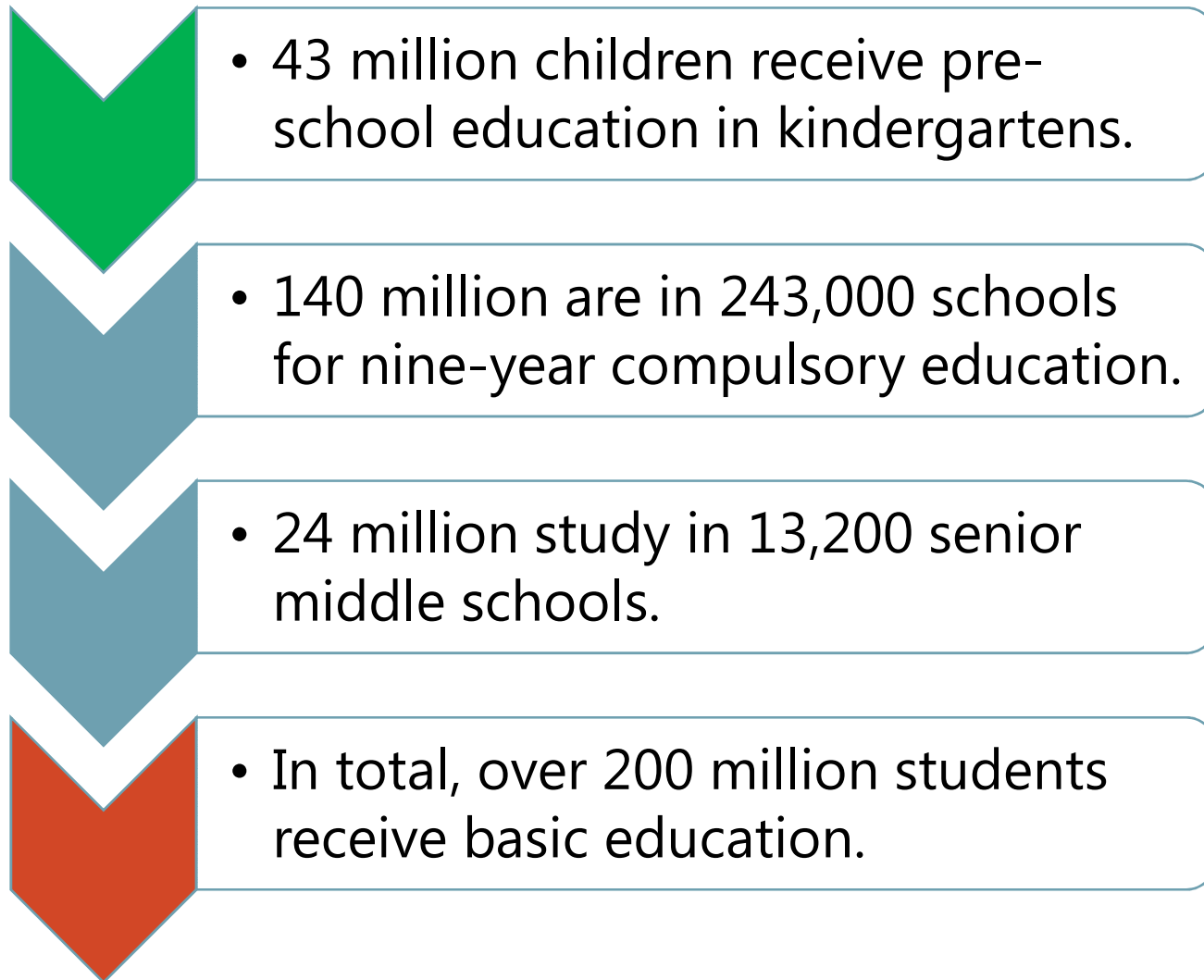
**Given  $x-y=3$ ,**  
 **$(x+1)^2 - 2x + y(y-2x) = ?$**

(in the capital city's 2014 junior secondary school entrance examinations)

# What resources help Chinese children learn better



## First, the government sets great store by basic education.



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2012

- Education expenditure accounted for 4% of the GDP for the first time in China's financial history.

2014

- It nearly doubled to reach 2,640 billion yuan.

## **Second, curricular reform in basic education**

**I. Teaching philosophy renovated**

**II. Teaching content updated and enriched**

**III. Teaching methodology improved**

## Third, underachieving schools bolstered, equity in education guaranteed

### Equity in Education

The Chinese government earmarked 120 billion yuan in 2015 to improve schooling conditions of basic education in rural areas.

Shanghai municipal government dispatches brand-name schools teachers to underachieving schools, or buys services from education service agencies.



## Fourth, teachers'sense of responsibility enhanced, research systems set up

Teaching among Top Three on a chart of most blissful jobs

Year	1	2	3
2012	civil servant	official	teacher
2013	teacher	official	senior manager
2014	official	senior manager	teacher
2015	free lancer	teacher	official

As a result, more outstanding college graduates are devoted to basic education.

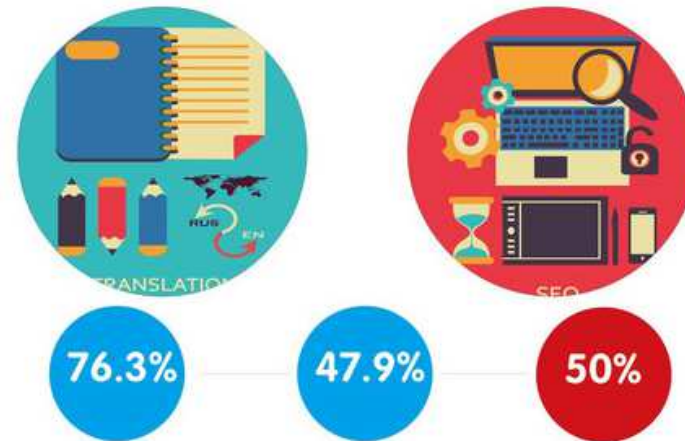
# Fourth, teachers' sense of responsibility enhanced, research systems set up

## Teachers in Shanghai



39.7 working hours per week

13.8 hours on classroom teaching



76.3% teachers engage in teaching research activities every two weeks.

50% teachers take part in collective lesson study work.

## Fifth, families attach importance to children's education

Homework is part and parcel of every student's school and extra-curricula life in China. Chinese parents take it for granted that students must do homework at night.

## Basic education in China is also faced with tremendous challenges.

Exam-oriented education is still bringing a heavy load to bear on our students.

Inequity in the distribution of teaching resources between east and west China and between urban and rural areas is still a problem.

Our effort to instill creativity and critical ways of thinking in our students still leaves much to be desired.

## To tackle the challenges

The Chinese government has enacted a ten-year (2011-2020) education informatization plan.



Our basic education should not be limited to small-time innovations and creations any more.

We must learn from our international colleagues who are imbued with sophisticated education expertise.



Thank you!



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