

Hampshire INSET Day June 2011

Good Ideas for Better Teaching and How to Share Them



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CHALLENGES

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$4x \div y^2$
 $x/y/z = 4^3$
 $x = ?$

"Algebra class will be important to you later in life because there's going to be a test six weeks from now."



"I expect you all to be independent, innovative, critical thinkers who will do exactly as I say!"



Students are Passengers



Video Links have been disabled - sorry

IDEAS

- Reasons:
1. To collect evidence to inform teaching 😊
 2. To cause students to think 😊
 3. To create student engagement 😊

Questioning should cause Thinking

Hinge Questions (Can I move on?); Tarsia Jigsaws; Mini White Boards; Class Vote; ABCD Cards; Exit Passes; Random Name Generator

Ask Thinking Questions (Thanks)

Web Link

Web Link

Hinge Q.EG

Hinge Q.EG



Participation is compulsory

"Feedback should cause more work for the students"

Mix up several students' comments; ask them to sort them out
Comments today – grades tomorrow

Class Targets (eg 6As, 7Bs, 5Cs as a class)

There are 3 mistakes in here. Can you find them?

Self and Peer Marking

Students Take Responsibility

Self and Peer Marking (Two Stars and a Wish)

Students Pose Own Questions

Discs / Cups

Students Report Back

Apple and Banana Questions

Pooling Ideas Cooperatively



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Good Ideas for Better Teaching **Sharing and Promoting Good Ideas**



Hinge Questions
Tarsia Jigsaws
Mini white boards
Class vote
ABCD cards
Exit Passes

Random Name Generator
Ask Thinking Questions
Comments, not grades
Comments today
– grades tomorrow
Class Targets

Self and Peer Marking
Students Pose Own Questions
Discs / Cups
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Pooling Ideas Cooperatively

Teacher Learning Communities

11 – 13 people

Cross Curricular

Same structure
each time

TLC TLC TLC TLC TLC TLC TLC

TLC TLC TLC TLC TLC **TLC** TLC

1. Wax or Whine (15 mins)

2. Report Back (40 mins)

3. Book Group (25 mins)

4. Personal Action Planning (15 mins)

5. Plenary (5 mins)

6. Personal Preparation Time (50 mins)

October

November

January

March

June

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Feedback

126 Feedback forms analysed

71% in favour of continuing next year

6% against continuing next year

23% unclear

Continue with the TLCs next year

Have some departmental time immediately after the TLCs

Include more homemade videos of good ideas being used in lessons at QMC

Should we continue with the TLC groups next year?

Yes. There has been some very good sharing of best practice.

1. Wax or Whine (15 mins)

2. Report Back (40 mins)

3. Book Group (25 mins)

4. Personal Action Planning (15 mins)

5. Plenary (5 mins)

6. Personal Preparation Time (50 mins)

Should we continue with the TLC groups next year?

Yes, perhaps it might be more useful to work within one's department?

Should we continue with the TLC groups next year?

Yes, but there needs to be more mixing between groups.

Should we continue with the TLC groups next year?

Really useful to see video footage of teachers trying the different techniques rather than just working on our own from the sheets.

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No Hands Up

Comments not Grades

Students take Responsibility

Hinge Questions
Tarsia Jigsaws
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Class vote
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Exit Passes

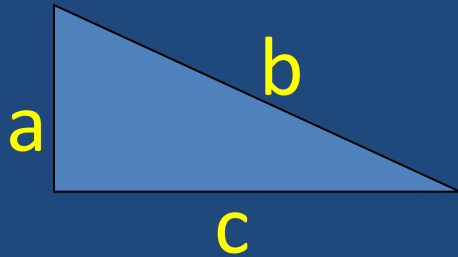
Random Name Generator
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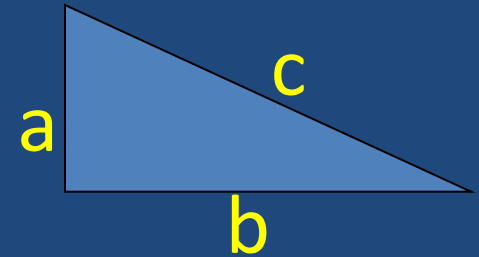


In which of these right-angled triangles is $a^2 + b^2 = c^2$?

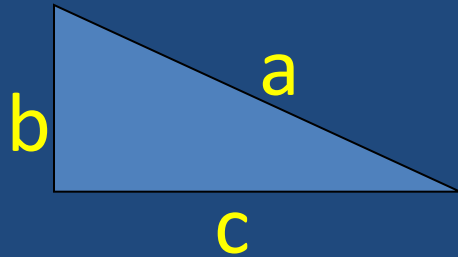
1



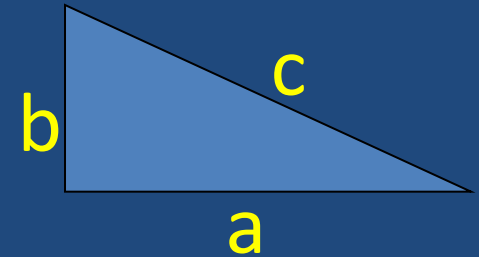
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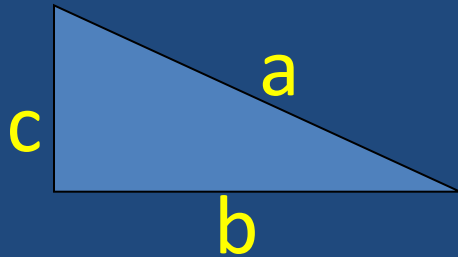
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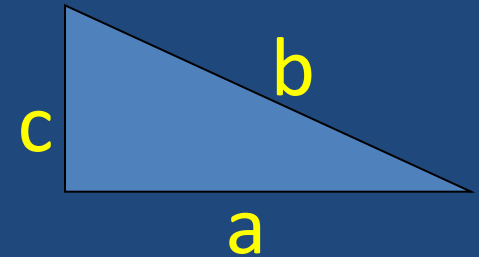
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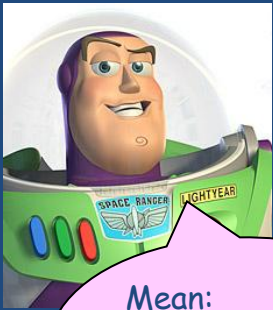


3



6





Mean: 2
 Median: 2
 Mode: 1
 Range: 3



Mean: 1.2
 Median: 1
 Mode: 1
 Range: 3



Mean: 1.2
 Median: 2
 Mode: 4
 Range: 3



Mean: 1
 Median: 1
 Mode: 1
 Range: 3



Mean: 1
 Median: 1
 Mode: 2
 Range: 5

What's the mean, median, mode & range?

Number of Sisters	Frequency
0	3
1	4
2	1
3	2
4	0



Mean: 2.5
 Median: 1
 Mode: 1
 Range: 5



Mean: 2
 Median: 1
 Mode: 1
 Range: 3

Mean: 1.2
 Median: 1
 Mode: 4
 Range: 3

Mean: 1.2
 Median: 2
 Mode: 1
 Range: 5

Mean: 1.2
 Median: 2
 Mode: 1
 Range: 3

