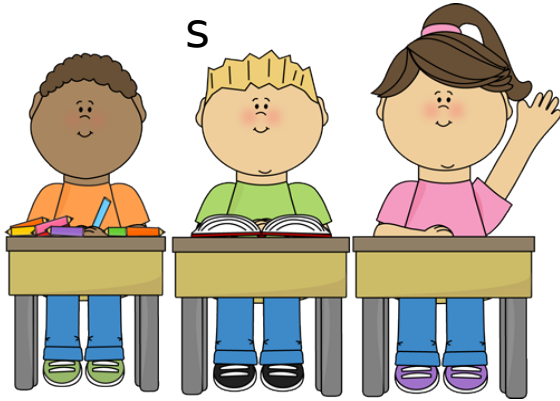


Underfitting and Overfitting

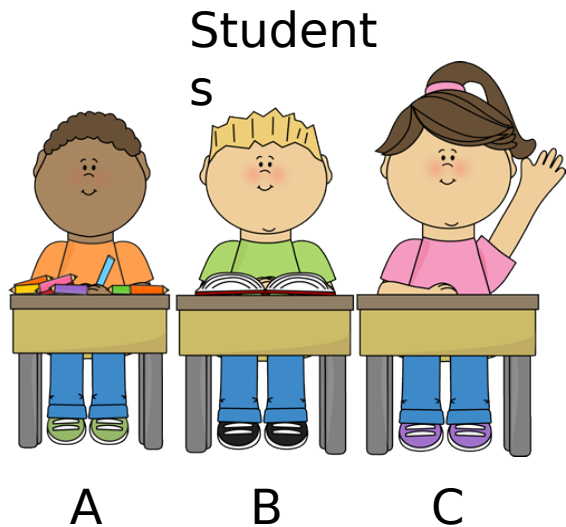
Underfitting and Overfitting

Underfitting and Overfitting

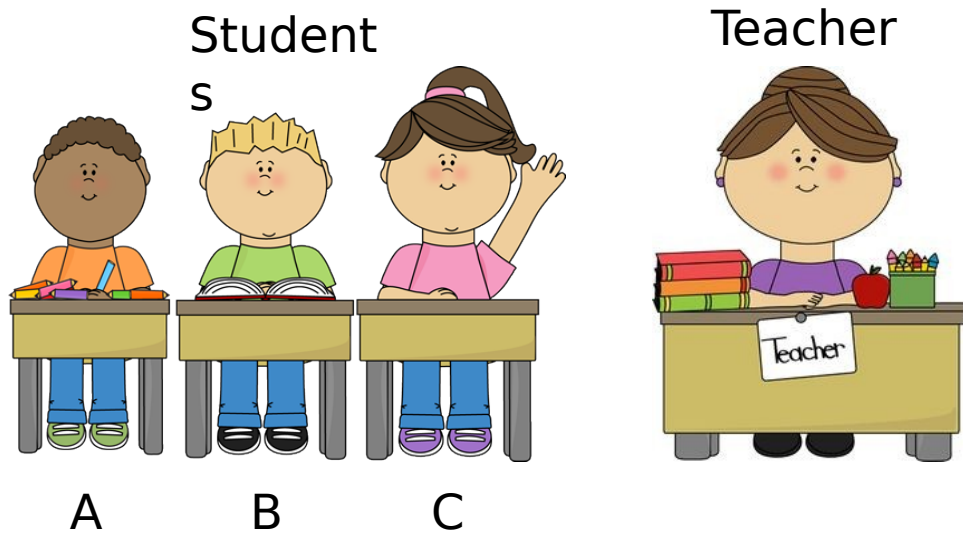
Student
S



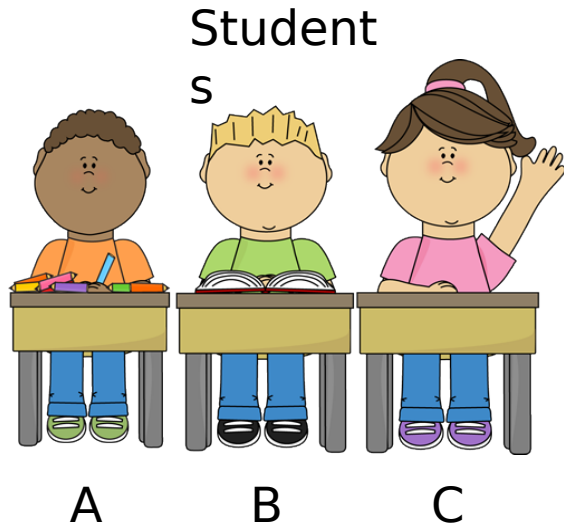
Underfitting and Overfitting



Underfitting and Overfitting

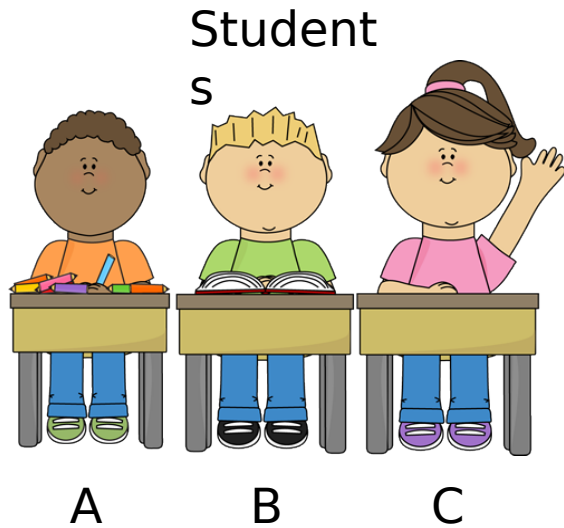


Underfitting and Overfitting



Class Work

Underfitting and Overfitting



Class Work



Test

Underfitting and Overfitting

Student



A

Underfitting and Overfitting

Student

- Hobby = colouring.



A

Underfitting and Overfitting

Student



A

- Hobby = colouring.
- Not interested in class.

Underfitting and Overfitting

Student



A

- Hobby = colouring.
- Not interested in class.
- Doesn't pay much attention to teacher.

Underfitting and Overfitting

Student



B

Underfitting and Overfitting

Student



B

- Hobby = to be the best in class.

Underfitting and Overfitting

Student



B

- Hobby = to be best in class.
- Mugs up everything teacher says.

Underfitting and Overfitting

Student



B

- Hobby = to be best in class.
- Mugs up everything teacher says.
- Too much attention to the class work.

Underfitting and Overfitting

Student



C

Underfitting and Overfitting

Student

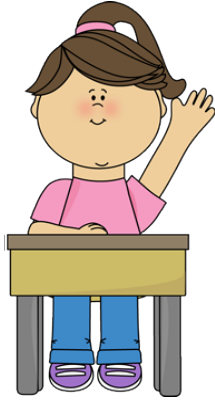


C

- Hobby = learning new things

Underfitting and Overfitting

Student



C

- Hobby = learning new things
- Eager to learn concepts.

Underfitting and Overfitting

Student



C

- Hobby = learning new things
- Eager to learn concepts.
- Pays attention to class and learns the idea behind solving a problem.

Underfitting and Overfitting



A



B



C

Teacher



Underfitting and Overfitting



A

Lacks interest in class



B

Mugs up every question



C

Learns the problem solving concept



Class Work
20 Questions

Teacher



Underfitting and Overfitting



A



B



C



Quiz based
on class work

Teacher



Underfitting and Overfitting

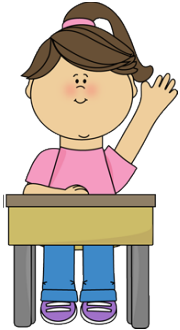


A

Guessing: ~50%



B



C



Quiz based
on class work

Teacher



Underfitting and Overfitting



A

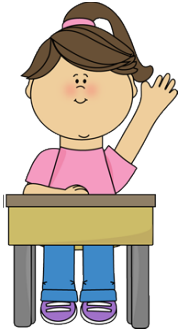
Guessing: ~50%



B

Mr. know it all

~98%



C



Quiz based
on class work

Teacher



Underfitting and Overfitting



A

Guessing: ~50%



B

Mr. know it all

~98%



C

Problem solving approach:

~92%



Quiz based on class work

Teacher



Underfitting and Overfitting



Underfitting and Overfitting



Slightly
different
from class
work

Teacher



Underfitting and Overfitting



A

Guessing: ~ 47%



B



C



Slightly
different
from class
work

Teacher



Underfitting and Overfitting



A

Guessing: ~ 47%



B

Mr. know it all
~69%



C



Slightly
different
from class
work

Teacher



Underfitting and Overfitting



A

Guessing: ~ 47%



B

Mr. know it all
~69%



C

Problem solving
approach:
~89%



Slightly
different
from class
work

Teacher



Underfitting and Overfitting

Underfitting and Overfitting



A

Not interested in
learning

Class test ~50%
Test ~47%

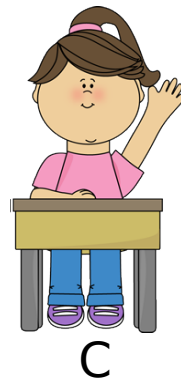
Underfitting and Overfitting



B

Performance drop
during test
Class test ~98%
Test ~69%

Underfitting and Overfitting



Consistent Performance

Class test ~92%
Test ~89%

Underfitting and Overfitting



A

Not interested in learning

Class test ~50%
Test ~47%

Under-fit/ less learning



B

Memorizing the lessons

Class test ~98%
Test ~69%

**Over-fit/
Memorizing**



C

Conceptual Learning

Class test ~92%
Test ~89%

Best-fit