



MATHS

BOOKS - MCGROW HILL EDUCATION

MATHS (HINGLISH)

LOGICAL REASONING

Example

1. Statements: 1. All men are girls.
2. Some girls are students.

Conclusions: 1. All girls are men.

2. Some girls are not students.



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2. Statements: 1. Some dogs are goats.

2. All goats are cows.

Conclusions: 1. All cows are goats.

2. Some dogs are cows.



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3. Statements: 1. All men are boys.

2. All boys are students.

Conclusions: 1. Some boys are men.

2. Some students are boys.



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4. Statements: 1. All Jungles are tigers.

2. Some tigers are horses.

Conclusions: 1. Some horses are jungles.

2. No horse is jungle.





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5. Statements: 1. No gentleman is poor.

2. All gentlemen are rich.

Conclusions: 1. No poor man is rich.

2. No rich man is poor.



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Exercise

1. Statements: 1. All fans are watches.

2. Some watches are black.

Conclusions: 1. All watches are fans.

2. Some fans are black.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: D



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2. Statements: 1. Some books are pens.

2. Some pens are erasers.

Conclusions: 1. All books are erasers.

2. Some erasers are books.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: D



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3. Statements: 1. All grasses are trees.

2. No tree is shrub.

Conclusions: 1. No grasses are shrubs.

2. Some shrubs are grasses.

A. only conclusion 1 follows,

B. only conclusion 2 follows,

C. either conclusion 1 or 2 follows,

D. neither conclusion 1 nor 2 follows,

Answer: A



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4. Statements: 1. All women are mothers.

2. All mothers are sisters.

Conclusions: 1. All women are sisters.

2. Some women are not sisters.

A. only conclusion 1 follows,

B. only conclusion 2 follows,

C. either conclusion 1 or 2 follows,

D. neither conclusion 1 nor 2 follows,

Answer: A



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5. Statements: 1. Some boys are men.

2. Some students are boys.

Conclusions: 1. All men are students.

2. Some students are men.

A. only conclusion 1 follows,

B. only conclusion 2 follows,

C. either conclusion 1 or 2 follows,

D. neither conclusions 1 nor 2 follows

Answer: D



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6. Statements: 1. Some boys are thieves.

2. All thieves are dacoits,

Conclusions: 1. Some boys are dacoits.

2. All dacoits are boys

A. only conclusion 1 follows,

B. only conclusion 2 follows,

C. either conclusion 1 or 2 follows,

D. neither conclusion 1 nor 2 follows,

Answer: A



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7. Statements: 1. No magazine is cap.

2. All caps are cameras.

Conclusions: 1. No camera is magazine.

2. Some cameras are magazines.

A. only conclusion 1 follows,

B. only conclusion 2 follows,

C. either conclusion 1 or 2 follows,

D. neither conclusion 1 nor 2 follows,

Answer: C



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8. Statements: 1. Most teachers are boys.

2. Some boys are students.

Conclusions: 1. Some students are boys.

2. Some teachers are students.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: A



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9. Statements: 1. All flowers are trees.

2. No fruit is tree.

Conclusions: 1. No fruit is flower.

2. Some trees are flowers.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If both conclusions 1 and 2 follows

Answer: D



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10. Statements: 1. Raman is always successful.

2. No fool is always successful.

Conclusions: 1. Raman is a fool.

2. Raman is not a fool.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: B



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11. Statements: 1. All pens are roads.

2. All roads are houses.

Conclusions: 1. All houses are pens.

2. Some houses are pens.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: B



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12. Statements: 1. All cars are cats.

2. All fans are cats.

Conclusions: 1. All cars are fans.

2. Some fans are cars.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: D



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13. Statements: 1. All roads are poles.

2. No pole is a house.

Conclusions: 1. Some roads are houses.

2. Some houses are poles.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: D



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14. Statements: 1. Some papers are pens.

2. Angle is a paper.

Conclusions: 1. Angle is not a pen.

2. Angle is a pen.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: C



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15. Statements: 1. No man is a donkey.

2. Rahul is a man.

Conclusions: 1. Rahul is not a donkey.

2. All men are not Rahul.

A. If only conclusion 1 follows,

B. If only conclusion 2 follows,

C. If either conclusion 1 or 2 follows,

D. If neither conclusion 1 nor 2 follows,

Answer: A



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