

# Analogy

## TALENT & OLYMPIAD

### Analogy

Introduction: Analogy means the similarity between like features of two things, on which a comparison may be based.

#### Illustrative EXAMPLE



The analogy between the heart and a pump.

It can also be stated as an inference or an argument from one particular to another particular, as opposed to deduction, induction, and abduction, where at least one of the premises or the conclusion is general. The word 'analogy' can also refer to the relation between the source and the target themselves, which is often, though not necessarily, a similarity, as in the biological notion of analogy.

*Look at the few examples how relationship between two things can be described.*

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#### 1. Word and Synonym relationship

Word	Synonym
Frolic	Prank
Tacit	Silent

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#### 2. Word and Antonym relationship

Word	Antonym
Grim	Gentle
Treacherous	Loyal

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#### 3. Word and Intensity relationship

Word	Intensity
Kindle	Burn
Mistake	Blunder

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#### 4. Study and Topic relationship

Topic	Study
Geology	Rock
Ophthalmology	Eye

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#### 5. Instrument and Measurement relationship

Instrument	Measurement
Thermometer	Temperature

Lactometer                      Specific gravity

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**6. Worker and Working place relationship**

<b>Worker</b>	<b>Working place</b>
Professor	College
Nurse	Hospital

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**7. Worker and Tool relationship**

<b>Worker</b>	<b>Tool</b>
Sculptor	Chisel
Tailor	Measuring tape

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**8. Tool and Action relationship**

<b>Tool</b>	<b>Action</b>
Gear cutter	Fabrication
Hammer	Pound nail

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**9. Quantity and Unit relationship**

<b>Quantity</b>	<b>Unit</b>
Pressure	Pascal
Energy	Joule

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**10. Product and Raw Material relationship**

<b>Product</b>	<b>Raw Material</b>
Thermocol	Monomer styrene
Brick	Clay

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**11. Disease and Cause relationship**

<b>Disease</b>	<b>Cause</b>
Dengue	Virus
Malaria	Protozoan parasites

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**12. Male and Female relationship**

<b>Male</b>	<b>Female</b>
Bull	Cow
Buck	Doe

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13. **Animal and Young One relationship**

<b>Animal</b>	<b>Young One</b>
Tiger	Cub
Dog	Pup

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14. **Cause and Effect relationship**

<b>Cause</b>	<b>Effect</b>
Restlessness	Sleep
Tired	Relax

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15. **Disease and Treatment relationship**

<b>Disease</b>	<b>Treatment</b>
Fever	Paracetamol
Infection	Antibiotic

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Illustrative  
EXAMPLE



**Moon : Satellite :: Earth : ?**

- (a) Sun  
(b) Planet  
(c) Solar System  
(d) Asteroid  
(e) None of these

**Answer: (b)**

**Explanation: (B) Moon is a Satellite and Earth is a Planet.**

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**Forecast: Future :: Regret:?**

- (a) Present  
(b) Atone  
(c) Past  
(d) Sins  
(e) None of these

**Answer: (c)**

**Explanation: (C) Forecast is for Future happenings and Regret is for past actions.**

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**Influenza : Virus :: Typhoid : ?**

- (a) Bacillus  
(b) Parasite  
(c) Protozoa  
(d) Bacteria  
(e) None of these

**Answer: (d)**

**Explanation: (D) First is the disease caused by the second.**

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**Fear: Threat:: Anger: ?**

- (a) Compulsion
- (b) Panic
- (c) Provocation
- (d) Force
- (e) None of these

**Answer: (c)**

**Explanation: (C) First arises from the second.**

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**Melt: Liquid :: Freeze : ?**

- (a) Ice
- (b) Condense
- (c) Solid
- (d) Crystal
- (e) None of these

**Answer: (c)**

**Explanation: (C) First is the process of formation of the second.**

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**Clock : Time :: Thermometer: ?**

- (a) Heat
- (b) Radiation
- (c) Energy
- (d) Temperature
- (e) None of these

**Answer: (d)**

**Explanation: (D) First is an instrument used to measure the second.**

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**Muslim : Mosque :: Sikhs : ?**

- (a) Golden Temple
- (b) Medina
- (c) Fire Temple
- (d) Gurudwara
- (e) None of these

**Answer: (d)**

**Explanation: (D) Second is the place of worship for the first.**

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**Paw : Cat:: Hoof: ?**

- (a) Horse
- (b) Lion
- (c) Lamb
- (d) Elephant
- (e) None of these

**Answer: (a)**

**Explanation: (A) First is the name given to the foot of the second.**

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**Eye: Myopia :: Teeth : ?**

- (a) Pyorrhea
- (b) Cataract

- (c) Trachoma (d) Eczema  
(e) None of these

**Answer: (a)**

**Explanation: (A) Second is a disease of the first.**

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**Tractor : Trailer :: Horse : ?**

- (a) Stable (b) Cart  
(c) Saddle (d) Engine  
(e) None of these

**Answer: (b)**

**Explanation: (B) Second is pulled by the first.**

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**Scribble : Write :: Stammer: ?**

- (a) Walk (b) Play  
(c) Speak (d) Dance  
(e) None of these

**Answer: (c)**

**Explanation: (C) First is an improper form of the second.**

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**Flower; Bud :: Plant: ?**

- (a) Seed (b) Taste  
(c) Flower (d) Twig  
(e) None of these

**Answer: (a)**

**Explanation: (A) First develop from the second.**

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**Errata : Books :: Flaws:?**

- (a) Manuscripts (b) Metals  
(c) Speech (d) Charter  
(e) None of these

**Answer: (b)**

**Explanation: (B) Errata comprises from the books. Similarly, Flaws are the defects in the metals.**

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**Gun : Bullet :: Chimney : ?**

- (a) Ground (b) House  
(c) Roof (d) Smoke  
(e) None of these

**Answer: (d)**

**Explanation: (D) Second comes out of the first.**

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**Breeze : Cyclone :: Drizzle : ?**

- (a) Earthquake
- (b) Storm
- (c) Flood
- (d) Downpour
- (e) None of these

**Answer: (d)**

**Explanation: (D) Second is more intense than the first.**

## PRACTICE EXERCISE



In each of the following questions, there is a certain relationship between two given words on one side of : and one word is given on another side of : while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.



**Car : Garage :: Aeroplane : ?**

- (a) Port
- (b) Depot
- (c) Hanger
- (d) Harbour
- (e) None of these



**Race : Fatigue :: Fast: ?**

- (a) Food
- (b) Appetite
- (c) Hunger
- (d) Weakness
- (e) None of these



**Candle : Wax :: Paper :?**

- (a) Wood
- (b) Tree
- (c) Bamboo
- (d) Pulp
- (e) None of these



**Acting : Theater: : Gambling : ?**

- (a) Casino
- (b) Club
- (c) Bar
- (d) Gymn
- (e) None of these



**Venerate : Worship :: Extol: ?**

- (a) Glorify
- (b) Homage
- (c) Compliment
- (d) Recommend

(e) None of these

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**Water: Convection :: Space : ?**

- |                   |                  |
|-------------------|------------------|
| (a) Conduction    | (b) Transference |
| (c) Vacuum        | (d) Radiation    |
| (e) None of these |                  |
- 



**Growth : Death :: Increase : ?**

- |                   |              |
|-------------------|--------------|
| (a) Ease          | (b) Decrease |
| (c) Tease         | (d) Cease    |
| (e) None of these |              |
- 



**Oxygen : Burn :: Carbon dioxide : ?**

- |                   |             |
|-------------------|-------------|
| (a) Isolate       | (b) Foam    |
| (c) Extinguish    | (d) Explode |
| (e) None of these |             |
- 



**Dog : Bark :: Goat: ?**

- |                   |          |
|-------------------|----------|
| (a) Bleat         | (b) Howl |
| (c) Grunt         | (d) Bray |
| (e) None of these |          |
- 



**Grain : Stock :: Stick : ?**

- |                   |            |
|-------------------|------------|
| (a) Heap          | (b) Bundle |
| (c) Collection    | (d) String |
| (e) None of these |            |
- 



**Nurture: Neglect:: Denigrate : ?**

- |                   |                |
|-------------------|----------------|
| (a) Reveal        | (b) Extol      |
| (c) Recognize     | (d) Calumniate |
| (e) None of these |                |
- 



**Planet: Orbit : : Projectile : ?**

- |                   |           |
|-------------------|-----------|
| (a) Trajectory    | (b) Track |
| (c) Milky way     | (d) Path  |
| (e) None of these |           |
-



**Genuine : Authentic : : Mirage : ?**

- (a) Image
- (b) Transpiration
- (c) Reflection
- (d) Illusion
- (e) None of these



**Cobbler : Leather:: Carpenter: ?**

- (a) Furniture
- (b) Wood
- (c) Hammer
- (d) Chair
- (e) None of these



**Rupee : Indian : : Yen : ?**

- (a) Turkey
- (b) Bangladesh
- (c) Pakistan
- (d) Japan
- (e) None of these



**Ocean : Deserts :: Waves : ?**

- (a) Sea
- (b) Dust
- (c) Sand dunes
- (d) Ripples
- (e) None of these



**Pork: Pig : : Beef:?**

- (a) Farmer
- (b) Herd
- (c) Cow
- (d) Lamb
- (e) None of these



**Illiteracy : Education : : Flood : ?**

- (a) Rain
- (b) Bridge
- (c) Dam
- (d) River
- (e) None of these



**Appraiser: Building : : Critic : ?**

- (a) Book
- (b) Masterpiece
- (c) Judge
- (d) Gold
- (e) None of these



**Fruit: Banana : : Mammal: ?**

- (a) Cow
- (b) Snake

- (c) Fish
- (e) None of these

(d) Sparrow

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**Tile : Mosaic :: Knot : ?**

- (a) Embroidery
- (c) Macrame
- (e) None of these

- (b) Abacus
  - (d) Easle
- 



**Import : Export :: Expenditure : ?**

- (a) Deficit
- (c) Debt
- (e) None of these

- (b) Revenue
  - (d) Tax
- 



**Hill : Mountain :: Stream : ?**

- (a) River
- (c) Glacier
- (e) None of these

- (b) Canal
  - (d) Avalanche
- 



**Country : President :: State : ?**

- (a) Governor
- (c) Chief minister
- (e) None of these

- (b) Minister
  - (d) Citizen
- 



**Bread : Yeast :: Curd : ?**

- (a) Fungi
- (c) Germs
- (e) None of these

- (b) Bacteria
- (d) Virus

**Court: Justice :: School : ?**

- (a) Teacher
- (c) Ignorance
- (e) None of these

- (b) Student
  - (d) Education
- 



**Chromite : Chromium :: Ilmenite : ?**

- (a) Limestone
- (c) Manganese
- (e) None of these

- (b) Cobalt
  - (d) Titanium
-



**Command : Order :: Confusion : ?**

- (a) Discipline
- (b) Clarity
- (c) Choas
- (d) Problem
- (e) None of these



**Ruby : Red :: Sapphire : ?**

- (a) Blue
- (b) White
- (c) Green
- (d) Silver
- (e) None of these



**House : Garbage :: Ore : ?**

- (a) Rubbish
- (b) Gangue
- (c) Sand
- (d) Dregs
- (e) None of these



**Hong Kong : China :: Vatican : ?**

- (a) Rome
- (b) Mexico
- (c) Canada
- (d) Christianity
- (e) None of these



**Stee : Rails :: Alnico : ?**

- (a) Aircraft
- (b) Machinery
- (c) Silverware
- (d) Magnets
- (e) None of these



**Poodle : Dog :: Moose : ?**

- (a) Duck
- (b) Donkey
- (c) Fowl
- (d) Deer
- (e) None of these



**Push : Pull :: Throw : ?**

- (a) Jump
- (b) Collect
- (c) Pick
- (d) Game
- (e) None of these



**Naphthalene : Coal tar :: Dyes : ?**

- (a) Petroleum
- (b) Oils

- (c) Chemicals
- (e) None of these

(d) Carbon



**Darwin : Evolution :: Archimedes : ?**

- (a) Friction
- (c) Buoyancy
- (e) None of these
- (b) Lubrication
- (d) Liquid



**Hot: Oven :: Cold : ?**

- (a) Ice cream
- (c) Show
- (e) None of these
- (b) Air conditioner
- (d) Refrigerator



**Conference : Chairman :: Newspaper: ?**

- (a) Reporter
- (c) Painter
- (e) None of these
- (b) Distributor
- (d) Editor



**Drama : Stage :: Tennis : ?**

- (a) Tournament
- (c) Court
- (e) None of these
- (b) Net
- (d) Racket



**Tree : Forest: Grass : ?**

- (a) Lawn
- (c) Garden
- (e) None of these
- (b) Field
- (d) Farm

## SHORT ANSWERS

1. C	2. C	3. D	4. A	5. A	6. D	7. D	8. C	9. A	10. B
11. B	12. A	13. D	14. B	15. D	16. C	17. C	18. C	19. A	20. A
21. C	22. B	23. A	24. A	25. B	26. D	27. D	28. C	29. A	30. B
31. A	32. D	33. D	34. C	35. A	36. C	37. D	38. A	39. C	40. A

## ANSWERS WITH EXPLANATIONS

1. (c) First is temporarily parked in the second.

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2. (c) First causes the second.

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3. (d) First is made from the second.

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4. (a) Second is the place for performing the first.

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5. (a) The words in each pair are synonyms.

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6. (d) Second is the mode of transference of heat by the first.

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7. (d) Second puts an end to the activity denoted by the first.

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8. (c) Oxygen helps in burning while carbon dioxide extinguished fires.

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9. (a) Second is noise produced by the first.

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10. (b) Second is collection of the first.

---

11. (b) The words in each pair are antonyms.

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12. (a) Second is the path traced by the first.

---

13. (d) The words in each pair are synonyms.

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14. (b) Second is the raw material used by the first.

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15. (d) Rupee is the currency of India. Similarly, Yen is the currency of Japan.

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16. (c) If oceans were deserts, waves would be sand dunes.

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17. (c) First is the name given to the meat of the second.

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18. (c) Second helps to get rid of the first.

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19. (a) First comments on the second.

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20. (a) First denotes the class to which the second belongs.

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21. (c) Just as tiles in mosaic make a pattern, so also the knots in a piece of macrame make a pattern.

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22. (b) The words in each pair are antonyms.

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23. (a) Second is bigger form of first.

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24. (a) President and Governor are the nominal heads of country and state, respectively.

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25. (b) First is produced by the action of the second.

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26. (d) First is the place where the second is imparted.

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27. (d) Chromite is a mineral of chromium and ilmenite is a mineral of titanium.

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28. (c) The words in each pair are synonyms.

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29. (a) Ravi is a red precious stone, while sapphire is a blue precious stone.

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30. (b) The waste of the house is called garbage. Similarly, the impurities in the ore are called gangue.

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31. (a) Hong Kong is a city in China. Similarly, Vatican is a city in Rome.

---

32. (d) First is used to makes the second.

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33. (d) Poodle is a breed of dog and moose is a bread of deer.

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34. (c) The words in each pair are antonyms.

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35. (a) First is obtained from the second.

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36. (c) Darwin gave the theory if evolution, likewise Archimedes gave the theory of buoyancy.

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37. (d) An oven is an appliance to keep the food-items hot, similarly, a refrigerator keeps food-items cold.

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38. (a) Chairman is the highest authority in a conference. Similarly, editor is the highest authority in a news paper agency.

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39. (c) A drama is performed on a stage. Similarly, tennis is played on the court.

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40. (a) A forest consists of trees and a lawn is made up of grass.

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# You Must KNOW

- ❖ Analogy plays a significant role in problem solving.
  - ❖ It is important in decision making.
  - ❖ It helps to form a perception.
  - ❖ It helps to expand memory.
  - ❖ It helps to develop creativity and control emotion.
  - ❖ It helps to tackle explanation and communication.
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## IMPORTANT TERMS

- ❖ Descriptive, in which one word describes the other word, as in Blue : Sky.
  - ❖ Part to whole, in which one word is a part or piece of the other, as in Arm : Body.
  - ❖ Item to category, in which one word names something that falls into the group named by the other word, as in Milk : Beverage.
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## SUMMARY



- ❖ An analogy is a type of word problem that often appears on standardized tests.
- ❖ Your goal in solving an analogy is to find a word that correctly completes the second pair.
- ❖ At first glance, the words in an analogy may seem to have nothing to do with each other, but the words are always logically related.
- ❖ Both pairs of words have the same kind of relationship.
- ❖ To solve the analogy you need to find that relationship.

Here is an example:

apple : fruit :: carrot : vegetable Let's look more closely at the analogy. We should be able to see that apple is related to fruit in the same way that carrot is related to vegetable.

In both cases, the first word is a member of the group of the second word - an apple is a kind of fruit; a carrot is a kind of vegetable.

When we explain the relationship in a sentence, we have made a relationship sentence, a relationship, a connection, or a bridge between the two words.