

CTJan27 Online Year 6 - Verbal Reasoning (L01) - Understanding Analogies: Uncovering Relationships



Analogy – Identifying Relationships

🌟 Introduction

Welcome to the world of analogies! 🗨️ In this lesson, we'll dive into how to **identify relationships between words** and how to **analyze, apply, and create analogies** like a pro. Using the steps of **Bloom's Taxonomy**, we'll go from basic understanding to creative mastery. 🚀

💡 What is an Analogy?

An **analogy** is a comparison that shows a **relationship or similarity** between two pairs of words. It's commonly written in this format:

A : B :: C : D
(A is to B as C is to D)

Your goal? 🗨️ Figure out what connects the first pair, and find a second pair that shares that exact relationship.

🎓 Bloom's Taxonomy – Analogy Mastery

💡 1. Remember – 📄 Recall Key Terms

🎯 Objective:

Memorize the core definitions and analogy types.

🔑 Key Concepts:

- **Analogy:** A word comparison showing a relationship.
- **Relationship:** The specific link between two words.
- **Format:** A : B :: C : D

📁 Common Analogy Types:

- 🔥 **Cause/Effect** – One causes the other (*FIRE : SMOKE*)
- 🌱 **Part/Whole** – One is a part of the other (*WHEEL : CAR*)
- 🍏 **Type/Kind** – One is a category of the other (*APPLE : FRUIT*)

🎨 Practice – Match the Types!

Match the analogy type to its definition:

1. Cause/Effect
2. Part/Whole
3. Type/Kind

- A. One thing belongs to a category
- B. One results from the other
- C. One is a component of something

2. Understand – Explain Relationships

Objective:

Understand what connects two words.

Explanation:

Find the **exact relationship** between the first pair. Then match it with a second pair that mirrors that connection.

Examples:

- **HAPPY : SAD :: HOT : COLD** (*Opposites*)
- **TEACHER : SCHOOL :: DOCTOR : HOSPITAL** (*Profession → Workplace*)
- **FISH : SCALES :: BIRD : FEATHERS** (*Animal → Covering*)

Practice – Explain These Relationships:

1. **PUPPY : DOG :: CUB : BEAR**
2. **KNIFE : CUT :: PEN : WRITE**
3. **OCEAN : WATER :: LIBRARY : BOOKS**

Discussion Prompt:

Why is identifying the *precise* relationship key to solving analogies?

3. Apply – Solve Using Relationships

Objective:

Apply what you've learned to **solve analogies** correctly.


Strategy:

1. **State the Relationship** in a sentence
2. **Find the Parallel** in the answer choices
3. **Test the Fit** by plugging it into the analogy structure

Example:

TREE : FOREST :: FLOWER : ?

- A TREE is part of a FOREST
- A FLOWER is part of a GARDEN

 "A tree is to forest as a flower is to garden."

Practice – Complete the Analogies:

1. **CAR : GASOLINE :: HUMAN : ?**
2. **SCALES : FISH :: FUR : ?**

3. AUTHOR : BOOK :: COMPOSER : ?

💡 **Answers:**

1. FOOD 🍌
 2. BEAR 🐻
 3. SONG or MUSIC 🎵
-


4. Analyze – Compare and Choose the Best

 **Objective:**

Analyze answer options and select the most specific relationship.

 **Explanation:**

Some choices look right. But only one fits the relationship exactly and clearly.

 **Example:**

DOCTOR : HOSPITAL :: LAWYER : ?

- a) COURT
- b) OFFICE
- c) BUILDING

✅ Best match: COURT (Just like a doctor's workplace is a hospital, a lawyer's is the court.)

 **Practice – Pick the Best Match:**

1. TEACHER : SCHOOL :: CHEF : ?

- a) FOOD
- b) KITCHEN
- c) RESTAURANT
- d) COOKBOOK

2. HOT : COLD :: LIGHT : ?

- a) DARK
- b) BRIGHT
- c) LAMP
- d) HEAT

✅ **Answers:**

1. c) RESTAURANT
 2. a) DARK
-

5. Evaluate – Judge Analogy Quality



 **Objective:**

Evaluate if an analogy is **strong** or **weak**.

 **Explanation:**

Strong analogies have **precise, logical connections**. Weak analogies rely on vague or superficial similarities.

Examples:

-  BIRD : FEATHERS :: FISH : SCALES – Strong
-  CAR : ROAD :: BOAT : WATER – Weaker (the comparison isn't intrinsic)

Practice – Which is Stronger? Why?

1. BOOK : KNOWLEDGE :: MAP : DIRECTION
2. SINGER : MICROPHONE :: ARTIST : PAINT

Thought Prompt:

What makes an analogy “strong”? Think: clarity, specificity, and depth of the relationship.

6. Create – Craft Original Analogies

Objective:

Use your creativity and logic to build analogies.

Explanation:

Creating analogies shows **mastery** of word relationships.

Practice – Create One Analogy for Each Type:

1.  Cause/Effect
2.  Part/Whole
3.  Type/Kind
4.  Synonyms
5.  Antonyms

Example:

- Cause/Effect: STUDY : SUCCESS

Justification: Studying often causes success.

Challenge Task:

Make an abstract analogy!

E.g.: TIME : RIVER :: MEMORY : PHOTOGRAPH

(Time flows like a river; a photo freezes a memory.)

1. What is the format of a standard analogy?

(1 point)

- ☐ A + B = C + D
- ☐ A :: B : C : D
- ☐ A : B :: C : D
- ☐ A -> B -> C -> D

2. What does an analogy compare? (1 point)
- ☐ Definitions
 - ☐ Spelling
 - ☐ Word relationships
 - ☒ **Letters**
3. Which analogy is Cause/Effect? (1 point)
- ☐ APPLE : FRUIT
 - ☐ FIRE : SMOKE
 - ☐ DOG : PUPPY
 - ☒ **WHEEL : CAR**
4. APPLE : FRUIT is what type? (1 point)
- ☐ Synonym
 - ☐ Cause/Effect
 - ☐ Type/Kind
 - ☒ **Opposites**
5. WHEEL : CAR is what type? (1 point)
- ☐ Part/Whole
 - ☐ Tool/Function
 - ☐ Type/Kind
 - ☒ **Synonym**
6. What's the relationship in TREE : FOREST? (1 point)
- ☐ Cause/Effect
 - ☐ Part/Whole
 - ☒ **Opposites**
 - ☐ Tool/Function
7. What does "opposites" mean in analogies? (1 point)
- ☐ Similar words
 - ☐ Same meaning
 - ☐ Words with opposite meanings
 - ☒ **Part of a whole**
8. TEACHER : SCHOOL shows what relationship? (1 point)
- ☐ Place to Object
 - ☒ **Synonym**

- ☐ Profession to Workplace
- ☐ **Type to Kind**

9. What does “::” mean in an analogy? (1 point)

- ☐ Plus
- ☐ Is to...as
- ☐ Equals
- ☐ **Then**

10. Why do we study analogies? (1 point)

- ☐ To memorize vocabulary
- ☐ To test memory
- ☐ To test reasoning
- ☐ **To learn definitions**

11. DOG : PUPPY shows what relationship? (1 point)

- ☐ Synonym
- ☐ Part/Whole
- ☐ Adult to Young
- ☐ **Tool to Action**

12. PEN : WRITE shows what kind of link? (1 point)

- ☐ Synonym
- ☐ Tool to Action
- ☐ Profession to Workplace
- ☐ **Type/Kind**

13. LIBRARY : BOOKS is what type of analogy? (1 point)

- ☐ Tool/Function
- ☐ Synonym
- ☐ Place/Object it Contains
- ☐ **Opposites**

14. What relationship is HOT : COLD? (1 point)

- ☐ Type/Kind
- ☐ Opposites
- ☐ Part/Whole
- ☐ **Cause/Effect**

15. BIRD : FEATHERS :: FISH : ? (1 point)

- ☐ FINS
- ☐ WATER
- ☐ GILLS
- ☐ SCALES

16. TEACHER : SCHOOL :: DOCTOR : ? (1 point)

- ☐ Clinic
- ☐ Office
- ☐ Hospital
- ☐ Uniform

17. HUNGRY : EAT :: THIRSTY : ? (1 point)

- ☐ Food
- ☐ Sleep
- ☐ Drink
- ☐ Rest

18. MICROSCOPE : SCIENTIST :: TELESCOPE : ? (1 point)

- ☐ Astronomer
- ☐ Doctor
- ☐ Pilot
- ☐ Engineer

19. ENGINEER : MACHINE :: FARMER : ? (1 point)

- ☐ Tools
- ☐ Crops
- ☐ Soil
- ☐ Weather

20. CAT : WHISKERS :: ELEPHANT : ? (1 point)

- ☐ Tusk
- ☐ Trunk
- ☐ Skin
- ☐ Legs

21. SINGER : SONG :: AUTHOR : ? (1 point)

- ☐ Stage
- ☐ Book

☐ Music

☒ Word

22. FLOWER : GARDEN :: STAR : ?

(1 point)

☐ Sky

☐ Universe

☐ Moon

☒ Space

23. HAND : GLOVE :: FOOT : ?

(1 point)

☐ Shoe

☐ Sock

☐ Slipper

☒ Sole

24. PILOT : PLANE :: CAPTAIN : ?

(1 point)

☐ Ship

☐ Engine

☐ Plane

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25. COOK : KITCHEN :: TEACHER : ?

(1 point)

☐ Office

☐ School

☐ Desk

☒ Classroom

26. EYE : SEE :: EAR : ?

(1 point)

☐ Sound

☐ Hear

☐ Talk

☒ Shout

27. NURSE : HOSPITAL :: WAITER : ?

(1 point)

☐ Table

☐ Tip

☐ Restaurant

☒ Menu

28. MOON : NIGHT :: SUN : ?

(1 point)

- ☐ Morning
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- ☐ Heat
- ☐ Light

29. SHOVEL : DIG :: HAMMER : ?

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30. STUDENT : SCHOOL :: PATIENT : ?

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Understand what connects two words.

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✅ Best match: COURT (Just like a doctor's workplace is a hospital, a lawyer's is the court.)

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Justification: Studying often causes success.

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E.g.: TIME : RIVER :: MEMORY : PHOTOGRAPH

(Time flows like a river; a photo freezes a memory.)

1. What is the format of a standard analogy?

(1 point)

- ☐ A + B = C + D
- ☐ A :: B : C : D
- ☒ A : B :: C : D
- ☐ A -> B -> C -> D

Explanation: This format means “A is to B as C is to D.”

2. What does an analogy compare? (1 point)

- ☐ Definitions
- ☐ Spelling
- ☒ Word relationships
- ☐ Letters

Explanation: Analogies test relationships between pairs of words.

3. Which analogy is Cause/Effect? (1 point)

- ☐ APPLE : FRUIT
- ☒ FIRE : SMOKE
- ☐ DOG : PUPPY
- ☐ WHEEL : CAR

Explanation: Fire causes smoke—classic cause/effect.

4. APPLE : FRUIT is what type? (1 point)

- ☐ Synonym
- ☐ Cause/Effect
- ☒ Type/Kind
- ☐ Opposites

Explanation: Apple is a type of fruit.

5. WHEEL : CAR is what type? (1 point)

- ☒ Part/Whole
- ☐ Tool/Function
- ☐ Type/Kind
- ☐ Synonym

Explanation: A wheel is part of a car.

6. What’s the relationship in TREE : FOREST? (1 point)

- ☐ Cause/Effect
- ☒ Part/Whole
- ☐ Opposites
- ☐ Tool/Function

Explanation: Trees make up a forest.

7. What does “opposites” mean in analogies? (1 point)

- ☐ Similar words
- ☐ Same meaning
- ☒ Words with opposite meanings
- ☐ Part of a whole

Explanation: Opposites like HOT : COLD.

8. TEACHER : SCHOOL shows what relationship? (1 point)

- ☐ Place to Object
- ☐ Synonym
- ☒ Profession to Workplace
- ☐ Type to Kind

Explanation: A teacher works in a school.

9. What does “::” mean in an analogy? (1 point)

- ☐ Plus
- ☒ Is to...as
- ☐ Equals
- ☐ Then

Explanation: It connects analogy pairs: A is to B as C is to D.

10. Why do we study analogies? (1 point)

- ☐ To memorize vocabulary
- ☐ To test memory
- ☒ To test reasoning
- ☐ To learn definitions

Explanation: Analogies assess word reasoning and logical thinking.

11. DOG : PUPPY shows what relationship? (1 point)

- ☐ Synonym
- ☐ Part/Whole
- ☒ Adult to Young
- ☐ Tool to Action

Explanation: A puppy is a young dog.

12. PEN : WRITE shows what kind of link? (1 point)

- ☐ Synonym
- ☒ Tool to Action

- ☐ Profession to Workplace
- ☐ Type/Kind

Explanation: A pen is used to write.

13. LIBRARY : BOOKS is what type of analogy? (1 point)

- ☐ Tool/Function
- ☐ Synonym
- ☒ Place/Object it Contains
- ☐ Opposites

Explanation: Libraries hold books.

14. What relationship is HOT : COLD? (1 point)

- ☐ Type/Kind
- ☒ Opposites
- ☐ Part/Whole
- ☐ Cause/Effect

Explanation: They are direct opposites.

15. BIRD : FEATHERS :: FISH : ? (1 point)

- ☐ FINS
- ☐ WATER
- ☐ GILLS
- ☒ SCALES

Explanation: Outer covering comparison.

16. TEACHER : SCHOOL :: DOCTOR : ? (1 point)

- ☐ Clinic
- ☐ Office
- ☒ Hospital
- ☐ Uniform

Explanation: Workplace comparison.

17. HUNGRY : EAT :: THIRSTY : ? (1 point)

- ☐ Food
- ☐ Sleep
- ☒ Drink
- ☐ Rest

Explanation: What you do when thirsty.

18. MICROSCOPE : SCIENTIST :: TELESCOPE : ?

(1 point)

- ☒ Astronomer
- ☐ Doctor
- ☐ Pilot
- ☐ Engineer

Explanation: Each uses the tool.

19. ENGINEER : MACHINE :: FARMER : ?

(1 point)

- ☐ Tools
- ☒ Crops
- ☐ Soil
- ☐ Weather

Explanation: Their product/output.

20. CAT : WHISKERS :: ELEPHANT : ?

(1 point)

- ☒ Tusk
- ☐ Trunk
- ☐ Skin
- ☐ Legs

Explanation: Distinct body part.

21. SINGER : SONG :: AUTHOR : ?

(1 point)

- ☐ Stage
- ☒ Book
- ☐ Music
- ☐ Word

Explanation: Creator to creation.

22. FLOWER : GARDEN :: STAR : ?

(1 point)

- ☒ Sky
- ☐ Universe
- ☐ Moon
- ☐ Space

Explanation: Part to whole.

23. HAND : GLOVE :: FOOT : ?

(1 point)

- ☐ Shoe
- ☒ Sock
- ☐ Slipper
- ☐ Sole

Explanation: What covers the part.

24. PILOT : PLANE :: CAPTAIN : ?

(1 point)

- ☒ Ship
- ☐ Engine
- ☐ Plane
- ☐ Water

Explanation: Person to vehicle.

25. COOK : KITCHEN :: TEACHER : ?

(1 point)

- ☐ Office
- ☐ School
- ☐ Desk
- ☒ Classroom

Explanation: Workplace setting.

26. EYE : SEE :: EAR : ?

(1 point)

- ☐ Sound
- ☒ Hear
- ☐ Talk
- ☐ Shout

Explanation: Body part to function.

27. NURSE : HOSPITAL :: WAITER : ?

(1 point)

- ☐ Table
- ☐ Tip
- ☒ Restaurant
- ☐ Menu

Explanation: Job to workplace.

28. MOON : NIGHT :: SUN : ?

(1 point)

- ☐ Morning
- ☒ Day

- ☐ Heat
- ☐ Light

Explanation: Associated time.

29. SHOVEL : DIG :: HAMMER : ?

(1 point)

- ☐ Wood
- ☐ Pound
- ☒ Nail
- ☐ Smash

Explanation: Tool to action object.

30. STUDENT : SCHOOL :: PATIENT : ?

(1 point)

- ☐ Clinic
- ☐ Nurse
- ☐ Doctor
- ☒ Hospital

Explanation: Where the person goes.