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# SpaceX's Most-Used Reusable Rocket Aims for 20th Launch Tonight

## Description

SpaceX, the famous space company, is making history. On Friday night, it is launching a rocket for the 20th time. The rocket, called Falcon 9, will carry 23 more Starlink satellites into space.

This important launch will take place at 9:22 pm EDT Friday, from Space Launch Complex 40 in Florida. The rocket will travel the same way as the past Starlink missions.

The Falcon 9 rocket will separate from its booster stage after around two and a half minutes. It will then land on a drone ship in the Atlantic Ocean. The 23 Starlink satellites will separate an hour later. This will increase the total Starlinks in space to over 5,800.

This mission is very special because it sets a new record. The Falcon 9 booster will fly for the 20th time. This is a big achievement for SpaceX.

This company is very busy. Almost every day, it is either launching a rocket or preparing one for launch.

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## Vocabulary List:

1. **SpaceX** // (noun): A famous space company founded by Elon Musk.
2. **rocket** // (noun): A vehicle powered by engines that creates thrust.
3. **Falcon 9** // (noun): A type of rocket built by SpaceX.
4. **satellites** // (noun): Objects placed in orbit around the Earth for various purposes.
5. **launch** // (verb): To send a spacecraft or missile into the air or space.
6. **booster** // (noun): The stage of a rocket responsible for providing additional thrust during initial launch.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. What celestial event occurs when the moon blocks the sun?  
Option: Solar Eclipse  
Option: Lunar Eclipse  
Option: Meteor Shower  
Option: Constellation
2. What is a response to a given stimulus known as?  
Option: Action  
Option: Journey  
Option: Reaction  
Option: Decision
3. Which term refers to the action of making something more modern or up to date?  
Option: Refresh  
Option: Update  
Option: Undo  
Option: Delay
4. What technology involves creating intelligent machines?  
Option: Virtual Reality  
Option: Artificial Intelligence  
Option: Augmented Reality  
Option: Machine Learning
5. Which technology allows for remote storage and processing of data?  
Option: Cloud Computing



- Option: Database Management
- Option: Local Storage
- Option: Networking

6. Which term refers to objects in space such as stars and planets?

- Option: Terrestrial
- Option: Aquatic
- Option: Aerial
- Option: Celestial

7. What is a flaw or error in software called?

- Option: Feature
- Option: Bug
- Option: Enhancement
- Option: Patch

8. Which term means the power to influence or direct people's behavior or the course of events?

- Option: Command
- Option: Control
- Option: Guidance
- Option: Supervision

9. What does a collaboration between two or more parties form?

- Option: Groups
- Option: Partnerships
- Option: Oppositions
- Option: Isolations

10. What term refers to combining one thing with another to make a whole?

- Option: Separate
- Option: Converge
- Option: Integrate
- Option: Divide

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. A photograph is a \_\_\_\_\_ of a specific moment in time.

12. Many people read their horoscope for \_\_\_\_\_ insights and predictions.

13. The \_\_\_\_\_ of a star depends on its temperature and distance from Earth.



14. The unique \_\_\_\_\_ of a product set it apart from its competitors.
15. Legends and \_\_\_\_\_ often explain natural phenomena in ancient cultures.
16. The system has a security \_\_\_\_\_ that hackers could exploit.
17. Technical support is available to help users solve \_\_\_\_\_ on their devices.
18. Scientists worked to \_\_\_\_\_ the false claims made by the pseudo-experts.
19. The factory implemented \_\_\_\_\_ machinery to increase efficiency.
20. The AI program uses a \_\_\_\_\_ algorithm to create new music compositions.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. Every snowflake is with no two being exactly alike.
22. The company announced the of its new product at the upcoming conference.
23. The rocket's stage helps propel it into orbit before separating.
24. The network of global positioning helps track locations accurately.
25. SpaceX's reusable rocket the has revolutionized space exploration.
26. The system is set to perform backups of important data.
27. Careless disposal of chemicals can the local water supply.
28. The new system will seamlessly with existing software applications.
29. has contracts with NASA to resupply the International Space Station.
30. The chemical produced colorful changes in the solution.

**Answer**

**Multiple Choice:** 1. Solar Eclipse 2. Reaction 3. Update 4. Artificial Intelligence 5. Cloud Computing 6. Celestial 7. Bug 8. Control 9. Partnerships 10. Integrate

**Gap-Fill:** 11. Capture 12. Astrological 13. Brightness 14. Characteristics 15. Myth 16. Vulnerability 17. Software problems



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18. Debunk 19. Automatic 20. Generative

**Matching sentence:** 1. Unique 2. Launch 3. Booster 4. Satellites 5. Falcon 9 6. Automatic 7. Contaminate  
8. Integrate 9. SpaceX 10. Reaction

## CATEGORY

1. Sci/Tech - LEVEL2

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