

Scavenger Hunt **ANSWERS**

**Answers available at the Caterpillar Visitors Center ticketing counter.*

LOBBY

1. What is inside the globe structure located in the lobby? ***Ask a gallery host The Caterpillar Time Capsule**
2. In 2014, Caterpillar Inc. added Sustainability to their Values In Action. The Caterpillar Visitors Center earned the LEED _____ Certification. ***Ask a gallery host GOLD**
3. On sunny days, the solar panels located on the adjacent parking deck may provide up to _____ % of the power needed for the Visitors Center. ***Ask a gallery host 75%**

HERITAGE GALLERY

4. In 1928, Caterpillar was already a global company shipping the Model 20 Tractor all over the globe. What was the list price of the Caterpillar Model 20 that year? **\$2,175**
5. What two companies came together to form Caterpillar Tractor Company? **Holt Manufacturing Co. & Best Tractor Co.**
6. Caterpillar equipment helped build the _____ _____ to control floods, provide irrigation water and produce hydroelectric power for 3 states in the 1930s. **HOOVER DAM**

PRODUCT DEVELOPMENT

7. Caterpillar was granted _____ patents in the 1930s and spent about _____ per year on research and development (R&D). In the 2000s, Caterpillar was granted _____ patents and spent about _____ on research and development (R&D). **127 / 1 Million 2,217 / 1 Billion**
8. What is one of the most important ergonomic features in the design of a Cat machine cab? _____ **seat**
9. In what year did Caterpillar start using computer simulation for designing machines? _____ When did Caterpillar start using Immersive Visualization Technology (virtual reality)? _____ **1970s / 1990s**

CATERPILLAR PRODUCTION SYSTEM (CPS)

10. Name four of the eight identified wastes the Caterpillar Production System works to eliminate.
Inventory / Waiting / Transportation / Defects / Over Production / Excess Motion / Over Processing / Unused Creativity

CATERPILLAR PRODUCTION SYSTEM (CPS) CONT.

11. Caterpillar works with approximately _____ suppliers in _____ countries. **23,000 / 90**
12. The Caterpillar Cast Metals Organization supports sustainability by using nearly _____% recycled steel in their base material. **100**
13. What are the 4 main areas for robotics at Caterpillar? **Assembly / Arc Welding / Painting / Material Handling**

CATERPILLAR PEOPLE AT WORK

14. What are Caterpillar's five Values In Action?
Integrity / Excellence / Teamwork / Commitment / Sustainability

CATERPILLAR POWER SYSTEMS

15. Cat powered pumps are capable of draining an Olympic-size swimming pool in less than _____. (*Hint: Industrial Engines and Power Solutions display*) **10 seconds**
16. Name three of the six industries that are supported by Cat power. **Industrial Engines & Power Solutions / Rail / Marine / Gas Turbine / Oil & Gas / Electric Power**

WORKING AS ONE DEALER GALLERY

17. Dealers are the face of Caterpillar. Most dealers are _____ and locally operated businesses that benefit from long-standing customer relationships. **independently owned**

REMAN ENGINE DISPLAY

18. Through remanufacturing, Caterpillar recycles more than _____ million pounds of end-of-life iron annually. **148**

CAT AT WORK AROUND THE WORLD (PRODUCT FLOOR)

19. Name two pieces of Cat equipment on display at the Caterpillar Visitors Center.
20. Caterpillar is the primary sponsor of the NACAR No. 31 car, driven by _____? **Ryan Newman**

CATERPILLAR FOUNDATION Founded in 1952, the Caterpillar Foundation has contributed to help make sustainable progress possible around the world by providing program support in what four areas? **Environmental Sustainability / Education / Basic Human Needs / Disaster Relief**