



Railroading Merit

1. Do ONE of the following:
 - a. Visit a model railroading club.
 - b. Visit a railroad museum.
 - c. Watch a Pentrax train video.

Circle the activity you chose to do.

2. Do ONE of the following:
 - a. Attend a model railroad show.
 - b. Take a ride on a train.
 - c. Visit a garden railroad.

Circle the activity you chose to do.

3. Make a list of ten railroad names (past or present):

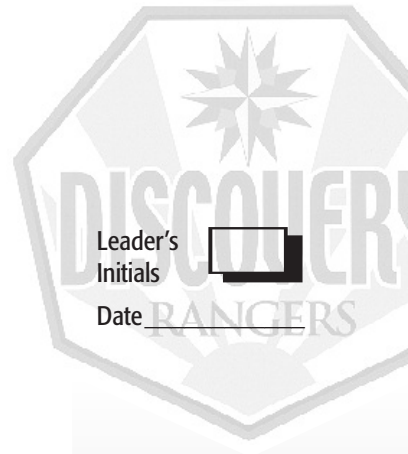
- | | |
|----------|----------|
| a. _____ | f. _____ |
| b. _____ | g. _____ |
| c. _____ | h. _____ |
| d. _____ | i. _____ |
| e. _____ | j. _____ |

4. Locate the Amtrak station nearest you.

The station is located _____

5. List six different types of freight cars used on railroads.

- | | |
|----------|----------|
| a. _____ | d. _____ |
| b. _____ | e. _____ |
| c. _____ | f. _____ |



Leader's Initials
Date _____

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6. Name ten types of cargo shipped in freight cars

- a. _____ f. _____
- b. _____ g. _____
- c. _____ h. _____
- d. _____ i. _____
- e. _____ j. _____

7. Do ONE of the following:

- a. Lay six feet or more of cork roadbed, track, and ballast.
- b. Construct a railroad station building kit (plastic or laser kit).
- c. Draw to scale the layout of the model railroad you would like to build.

Circle the activity you chose to do.

8. Define *switchback*.

Switchback is _____

9. List six manufacturers of model railroading supplies or equipment:

- a. _____ d. _____
- b. _____ e. _____
- c. _____ f. _____

10. Determine, in HO scale, how many feet are represented by three inches.

_____ feet

11. Define *ballast* and tell what it is used for.

Ballast is _____.

It is used for _____.

12. Write where the engineer and the brakeman ride on a locomotive.

The engineer sits _____.

The brakeman sits _____.

13. Record the speed limit in a railroad yard.

_____ mph

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14. Write in what type of engine a whistle was used.

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15. Determine how many forty-foot cars are in a mile.

_____ cars

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16. Name three types of fuels used in steam locomotives.

a. _____

b. _____

c. _____

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17. Define "EOT" and tell what it replaced.

"EOT" is _____

It replaced _____

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18. Tell what kind of railroad used Shay engines.

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19. Name three types of locomotive power.

a. _____

b. _____

c. _____

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20. Match the scales in line "b" with the model railroad gauge names in line "a":

a. Gauge Names G Z S O N HO

b. Scales 1:220 1:48 1:32 1:87 1:160 1:64

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