Stars and Apparent Brightness

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

Both stars give off the same amount of light. Circle the star that looks brighter from Earth.

1. Star A: 40 light-years away. Star B: 400 light-years away.

   Star A Star B

2. Star A: 100 light-years away. Star B: 200 light-years away.

   Star A Star B

3. Star A: 100 light-years away. Star B: 40 light-years away.

   Star A Star B

4. Star A: 400 light-years away. Star B: 12 light-years away.

   Star A Star B

5. Star A: 400 light-years away. Star B: 20 light-years away.

   Star A Star B

6. Star A: 8 light-years away. Star B: 20 light-years away.

   Star A Star B

7. Star A: 200 light-years away. Star B: 400 light-years away.

   Star A Star B

8. Star A: 40 light-years away. Star B: 60 light-years away.

   Star A Star B

9. Star A: 400 light-years away. Star B: 8 light-years away.

   Star A Star B

10. Star A: 4 light-years away. Star B: 60 light-years away.

    Star A Star B

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Stars and Apparent Brightness

Answer Key - Grade 5 Science Worksheet - Building Confidence

Both stars give off the same amount of light. Circle the star that looks brighter from Earth.

1. Star A: 40 light-years away. Star B: 400 light-years away.

   Star A Star B

2. Star A: 100 light-years away. Star B: 200 light-years away.

   Star A Star B

3. Star A: 100 light-years away. Star B: 40 light-years away.

   Star A **Star B**

4. Star A: 400 light-years away. Star B: 12 light-years away.

   Star A **Star B**

5. Star A: 400 light-years away. Star B: 20 light-years away.

   Star A **Star B**

6. Star A: 8 light-years away. Star B: 20 light-years away.

   Star A Star B

7. Star A: 200 light-years away. Star B: 400 light-years away.

   Star A Star B

8. Star A: 40 light-years away. Star B: 60 light-years away.

   Star A Star B

9. Star A: 400 light-years away. Star B: 8 light-years away.

   Star A **Star B**

10. Star A: 4 light-years away. Star B: 60 light-years away.

    Star A Star B