Year 5 Science: Earth's tilt, the seasons, Matariki and Puanga

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. About how many degrees is Earth's axis tilted?

2. In December, does the Southern Hemisphere lean towards the Sun or away from it?

3. Use the Auckland table. Which month had the shortest day, and how long was it?

4. A torch beam shines straight down on the floor, then at a slant. Why does the slanted beam warm each part of the floor less?

5. In which season does Matariki appear in the dawn sky in New Zealand?

Fix the mistake

6. Correct this statement: "It is summer because Earth is closer to the Sun."

7. Correct this statement: "Earth's axis swings round so it always leans towards the Sun."

8. Correct this statement: "Summer is warm only because the days are longer."

9. Correct this statement: "Matariki is a single star."