Name: _____   Date: _____

Word Problems in the Arctic: Multi-Step Mixed Operations

Directions: Solve. Be sure to show your work!

1. There were 6 families of polar bears that lived on the glacier. Each family had 5 bears. 8 bears went out to hunt for food. How many bears were on the glacier?

$$6 \times 5 = 30$$
$$30 - 8 = 22$$

2. A one-way flight to the Arctic takes 9 hours. The scientist took 4 trips to the Arctic to gather data about the living organisms. How many hours was the scientist on the plane traveling to and from the Arctic?

$$9 \times 4 = 36$$
$$36 \times 2 = 72$$

3. There were 4 seals swimming in the water. Each caught 6 fish. 3 fish got away. How many fish did the seals eat?

$$4 \times 6 = 24$$
$$24 - 3 = 21$$

4. There are 7 families in the Inuit tribe that live in the village. Each family has 4 children and 2 parents. There are an additional 9 grandparents that live in the village. How many people live in the village?

$$7 \times 6 = 42$$
$$42 + 9 = 51$$

5. In the Arctic, it snowed 2 inches each day for a week. By the next Monday, 9 inches had melted away. How many inches of snow were still on the ground?

$$2 \times 7 = 14$$
$$14 - 9 = 5$$

6. There were 9 beluga whales, 3 bowhead whales, and 2 narwhals. Each whale traveled 6 miles. How many miles did the whales travel?

$$9 + 3 + 2 = 14$$
$$14 \times 6 = 84$$