Multiplying Backward: Worked Answers

Each problem solved the way the lesson does it.

Name: _____ Date: _____

1. **−24 ÷ 6**
   - What times 6 is −24? −4 × 6 = −24.

   Answer: **−4**

2. **35 ÷ (−7)**
   - Different signs, so negative.
   - 35 ÷ 7 = 5.

   Answer: **−5**

3. **−54 ÷ (−9)**
   - Same signs, so positive.
   - 54 ÷ 9 = 6.

   Answer: **6**

4. **72 ÷ (−8)**
   - Different signs, so negative.
   - 72 ÷ 8 = 9.

   Answer: **−9**

5. **−63 ÷ 7**
   - Different signs, so negative.
   - 63 ÷ 7 = 9.

   Answer: **−9**

6. **−120 ÷ (−30)**
   - Same signs, so positive.
   - 120 ÷ 30 = 4.

   Answer: **4**

7 $0 \div (-11)$

- Zero divided by any number that is not zero is zero.

Answer: 0

8 $-45 \div (-45)$

- Same signs, so positive. A number divided by itself is 1.

Answer: 1