Negative Times Negative: Worked Answers

Each problem solved the way the lesson does it.

Name: _____ Date: _____

1. **−4(−6)**
   - Same signs, so positive.
   - 4 × 6 = 24.

   Answer: 24

2. **−9 × (−3)**
   - Same signs, so positive.
   - 9 × 3 = 27.

   Answer: 27

3. **−7 × 8**
   - Different signs, so negative.
   - 7 × 8 = 56.

   Answer: −56

4. **−1(−20)**
   - Same signs. Times −1 gives the opposite of −20.

   Answer: 20

5. **−11(−5)**
   - Same signs, so positive.
   - 11 × 5 = 55.

   Answer: 55

6. **9(−4)**
   - Different signs, so negative.
   - 9 × 4 = 36.

   Answer: −36

7 $-12 \times (-12)$

- Same signs, so positive.
- $12 \times 12 = 144$.

Answer: 144

8 $-2 + -3$, then $-2 \times (-3)$

- Adding two debts: owe 5 dollars.
- Multiplying: same signs, positive, 6.

Answer: –5 and 6