Count the Negatives: Worked Answers

Each problem solved the way the lesson does it.

Name: _____ Date: _____

1. $-3(4)(-2)$
   - Count: 2 negatives, even, so positive.
   - $3 \times 4 \times 2 = 24$.

   Answer: 24

2. $(-1)(-1)(-1)(-1)$
   - Count: 4 negatives, even, so positive.
   - 1.

   Answer: 1

3. $-5 \times 2 \times (-1) \times (-4)$
   - Count: 3 negatives, odd, so negative.
   - $5 \times 2 \times 1 \times 4 = 40$.

   Answer: -40

4. $6 \times (-3) \times 0 \times (-8)$
   - There is a 0 factor, so the product is 0.

   Answer: 0

5. $2/3 \times (-36)$
   - Count: 1 negative, so negative.
   - $36 \div 3 = 12$, and $12 \times 2 = 24$.

   Answer: -24

6. $(-0.25)(-16)$
   - Count: 2 negatives, so positive.
   - A quarter of 16 is 4.

   Answer: 4

7 $(-2/5)(10)(-1/2)$

- Count: 2 negatives, so positive.
- 2/5 of 10 is 4, and half of 4 is 2.

Answer: 2

8 $-2.5 \times 4 \times (-3) \times (-1)$

- Count: 3 negatives, odd, so negative.
- $2.5 \times 4 = 10$, and $10 \times 3 \times 1 = 30$.

Answer: −30