Fractions and Decimals: Worked Answers

Each problem solved the way the lesson does it.

Name: _____ Date: _____

1. **−2/5 ÷ 1/2**
   - Sign: negative.
   - 2/5 × 2/1 = 4/5.

   Answer: **−4/5**

2. **3/4 ÷ (−6)**
   - Sign: negative.
   - 3/4 × 1/6 = 3/24 = 1/8.

   Answer: **−1/8**

3. **−4/9 ÷ (−2/3)**
   - Sign: positive.
   - 4/9 × 3/2 = 12/18 = 2/3.

   Answer: **2/3**

4. **−8 ÷ 1/4**
   - Sign: negative.
   - 8 × 4 = 32.

   Answer: **−32**

5. **−1 1/2 ÷ 2 1/4**
   - Improper fractions: −3/2 ÷ 9/4.
   - Sign: negative.
   - 3/2 × 4/9 = 12/18 = 2/3.

   Answer: **−2/3**

6 **−6.3 ÷ (−3)**

- Sign: positive.
- 6.3 ÷ 3 = 2.1.

Answer: 2.1

7 **8.4 ÷ (−0.7)**

- Sign: negative.
- Move both decimal points one place: 84 ÷ 7 = 12.

Answer: −12

8 **−5.4 ÷ 1.8**

- Sign: negative.
- Move both decimal points one place: 54 ÷ 18 = 3.

Answer: −3