The Fraction Bar Means Divide: Worked Answers

Each problem solved the way the lesson does it.

Name: _____ Date: _____

1. 36 over −9
   - 36 ÷ (−9). Different signs, so negative.

   Answer: −4

2. −40 over −8
   - −40 ÷ (−8). Same signs, so positive.

   Answer: 5

3. Write −2/3 two other ways by moving the negative sign
   - One negative sign anywhere makes the whole fraction negative.

   Answer: (−2)/3 and 2/(−3)

4. Is (−7)/(−8) equal to −7/8?
   - Two negative signs cancel, so it is positive 7/8.

   Answer: No

5. Write −0.4 as a fraction of integers
   - 0.4 is 4 tenths, which is 2/5.

   Answer: −2/5

6. Write 2 3/4 as a fraction of integers
   - 2 wholes is 8 fourths, plus 3 fourths.

   Answer: 11/4

7. Write −5 as a fraction of integers
   - Any integer is itself over 1.

   Answer: −5/1

8 $9 \div 0$

- What times 0 makes 9? Nothing does.

Answer: Undefined (no answer)