Understanding Fractions

Grade 4 · 6 questions · step-by-step answers at the end

Name: Date: Score: / 6

USEFUL EQUATIONS

$1/2 = 2/4 = 4/8$ $a/c + b/c = (a + b)/c$ $11/4 = 2\ 3/4$ $3/4 \text{ of } 28 = 28 \div 4 \times 3$

Questions

Show your working in the space under each question.

1. EASY Simplify 6/9.

2. EASY Work out 2/7 + 3/7.

3. MEDIUM Write 11/4 as a mixed number.

4. MEDIUM Find 1/4 of 28 and 3/4 of 28.

5. HARD Work out 5/6 − 1/4.

6. HARD Maya eats 3/8 of a pizza and Omar eats 1/4. What fraction is left?

Step-by-step answers

Understanding Fractions

1. Divide top and bottom by 3: **2/3**.
2. Same denominator, so add the tops: **5/7**.
3. 11 ÷ 4 = 2 remainder 3, so **2 3/4**.
4. 28 ÷ 4 = **7**. Three of those: **21**.
5. Common denominator 12: 10/12 − 3/12 = **7/12**.
6. 1/4 = 2/8, so they eat 5/8. Left: 1 − 5/8 = **3/8**.