Fractions of a Whole and on a Number Line

Grade 3 · 6 questions · step-by-step answers at the end

Name: Date: Score: / 6

USEFUL EQUATIONS

1/4 = one of 4 equal parts 3/4 = 1/4 + 1/4 + 1/4 4/4 = 1 1/2 = 2/4

Questions

Show your working in the space under each question.

1. EASY A shape has 8 equal parts and 3 are coloured. What fraction is coloured?

2. EASY Which is smaller, 1/2 or 1/5?

3. MEDIUM Which is bigger, 3/8 or 5/8?

4. MEDIUM Write 1 whole as a fraction with 6 on the bottom.

5. HARD What fraction equals 1/2 and has 8 on the bottom?

6. HARD A ribbon is cut into 6 equal pieces. Ana uses 2 pieces and Ben uses 3. What fraction of the ribbon is left?

Step-by-step answers

Fractions of a Whole and on a Number Line

1. **3/8**.
2. Fifths are smaller pieces: **1/5**.
3. Same bottom, bigger top: **5/8**.
4. **6/6**.
5. Half of 8 is 4: **4/8**.
6. 2 + 3 = 5 pieces used, so 1 piece is left: **1/6**.