Operations with fractions

Name: _____ Date: _____ Score: _____ / 10

Work out each answer and write it as a simplified fraction.

1. $3\frac{1}{4} + 7\frac{1}{4} = \square\frac{\square}{\square}$

2. $8\frac{3}{4} - 8\frac{1}{2} = \square\frac{\square}{\square}$

3. $2\frac{1}{5} + 3\frac{1}{2} = \square\frac{\square}{\square}$

Multiply the fractions and simplify the result.

4. $\frac{5}{7} \times 7 = \frac{\square}{\square}$

5. $2\frac{3}{4} \times 3\frac{1}{2} = \square\frac{\square}{\square}$

6. $\frac{5}{3} \times 2 = \frac{\square}{\square}$

Divide the fractions and simplify the result.

7. $\frac{1}{2} \div \frac{1}{10} = \square$

8. $6 \div \frac{19}{16} = \frac{\square}{\square}$

Operations with fractions

9 $\frac{5}{16} \div 3 = \frac{\square}{\square}$

Write each number as a fraction, a decimal and a percent.

10 $\frac{29}{20} = \square = \square$