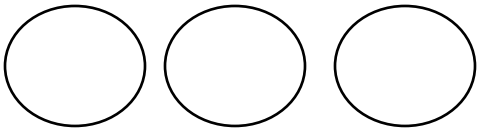
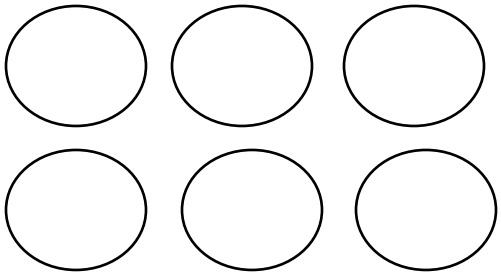
Worksheet 17 Can I Divide With Fractions?

Draw a diagram to find the following quotients (the answer to a division problem).

1) $3 \div \frac{1}{3} =$ "How many $\frac{1}{3}$ are in 3?"



2) $6 \div \frac{3}{4} =$ "How many $\frac{3}{4}$ are in 6?"



3) $5 \div \frac{1}{2} =$ "How many $\frac{1}{2}$ are in 5?"

4) $6 \div 1\frac{1}{2} =$ "How many $1\frac{1}{2}$ are in 6?"

Remember that when you add fractions you need a common denominator, but not when you multiply. Show the math steps to get each answer.

5) $\frac{2}{5} + \frac{1}{2} = \frac{9}{10}$

6) $\frac{2}{5} \cdot \frac{1}{2} = \frac{1}{5}$

7) $\frac{9}{10} \cdot \frac{5}{8} = \frac{9}{16}$

8) $\frac{9}{10} + \frac{5}{8} = 1\frac{21}{40}$

9) Find the area of this rectangle, in square units.