

Name _____

Simplify Improper Fractions

Divide two improper fractions and write the answer in mixed numbers.

$$1) \frac{40}{7} \div \frac{35}{14} = \frac{16}{7} = 2 \frac{2}{7}$$

$$2) \frac{30}{12} \div \frac{20}{12} = \frac{3}{2} = 1 \frac{1}{2}$$

$$3) \frac{55}{25} \div \frac{65}{30} = \frac{66}{65} = 1 \frac{1}{65}$$

$$4) \frac{55}{30} \div \frac{60}{40} = \frac{11}{9} = 1 \frac{2}{9}$$

$$5) \frac{40}{15} \div \frac{55}{30} = \frac{16}{11} = 1 \frac{5}{11}$$

$$6) \frac{35}{25} \div \frac{45}{35} = \frac{49}{45} = 1 \frac{4}{45}$$

$$7) \frac{30}{12} \div \frac{45}{20} = \frac{10}{9} = 1 \frac{1}{9}$$

$$8) \frac{50}{24} \div \frac{30}{16} = \frac{10}{9} = 1 \frac{1}{9}$$

$$9) \frac{50}{14} \div \frac{30}{28} = \frac{10}{3} = 3 \frac{1}{3}$$

$$10) \frac{75}{30} \div \frac{40}{25} = \frac{25}{16} = 1 \frac{9}{16}$$

$$11) \frac{40}{15} \div \frac{60}{35} = \frac{14}{9} = 1 \frac{5}{9}$$

$$12) \frac{36}{20} \div \frac{50}{30} = \frac{27}{25} = 1 \frac{2}{25}$$

$$13) \frac{75}{20} \div \frac{35}{10} = \frac{15}{14} = 1 \frac{1}{14}$$

$$15) \frac{40}{18} \div \frac{45}{24} = \frac{32}{27} = 1 \frac{5}{27}$$