

Simplifying Improper Fractions (D)

Name: _____

Date: _____

Simplify each fraction to its lowest terms; then change the fraction to a mixed number.

$$1. \frac{1182}{132} \xrightarrow{\div 6} = \frac{197}{22} = 8\frac{21}{22}$$

$$11. \frac{390}{120} =$$

$$2. \frac{1665}{177} =$$

$$12. \frac{2980}{305} =$$

$$3. \frac{1341}{225} =$$

$$13. \frac{70}{24} =$$

$$4. \frac{1824}{200} =$$

$$14. \frac{2325}{255} =$$

$$5. \frac{78}{10} =$$

$$15. \frac{1962}{564} =$$

$$6. \frac{4560}{850} =$$

$$16. \frac{3520}{608} =$$

$$7. \frac{200}{44} =$$

$$17. \frac{2736}{288} =$$

$$8. \frac{261}{30} =$$

$$18. \frac{4712}{536} =$$

$$9. \frac{632}{184} =$$

$$19. \frac{333}{99} =$$

$$10. \frac{1520}{752} =$$

$$20. \frac{705}{285} =$$

Simplifying Improper Fractions (D) Answers

Name: _____

Date: _____

Simplify each fraction to its lowest terms; then change the fraction to a mixed number.

$$1. \frac{1182}{132} \xrightarrow{\div 6} = \frac{197}{22} = 8\frac{21}{22}$$

$$11. \frac{390}{120} \xrightarrow{\div 30} = \frac{13}{4} = 3\frac{1}{4}$$

$$2. \frac{1665}{177} \xrightarrow{\div 3} = \frac{555}{59} = 9\frac{24}{59}$$

$$12. \frac{2980}{305} \xrightarrow{\div 5} = \frac{596}{61} = 9\frac{47}{61}$$

$$3. \frac{1341}{225} \xrightarrow{\div 9} = \frac{149}{25} = 5\frac{24}{25}$$

$$13. \frac{70}{24} \xrightarrow{\div 2} = \frac{35}{12} = 2\frac{11}{12}$$

$$4. \frac{1824}{200} \xrightarrow{\div 8} = \frac{228}{25} = 9\frac{3}{25}$$

$$14. \frac{2325}{255} \xrightarrow{\div 15} = \frac{155}{17} = 9\frac{2}{17}$$

$$5. \frac{78}{10} \xrightarrow{\div 2} = \frac{39}{5} = 7\frac{4}{5}$$

$$15. \frac{1962}{564} \xrightarrow{\div 6} = \frac{327}{94} = 3\frac{45}{94}$$

$$6. \frac{4560}{850} \xrightarrow{\div 10} = \frac{456}{85} = 5\frac{31}{85}$$

$$16. \frac{3520}{608} \xrightarrow{\div 32} = \frac{110}{19} = 5\frac{15}{19}$$

$$7. \frac{200}{44} \xrightarrow{\div 4} = \frac{50}{11} = 4\frac{6}{11}$$

$$17. \frac{2736}{288} \xrightarrow{\div 144} = \frac{19}{2} = 9\frac{1}{2}$$

$$8. \frac{261}{30} \xrightarrow{\div 3} = \frac{87}{10} = 8\frac{7}{10}$$

$$18. \frac{4712}{536} \xrightarrow{\div 8} = \frac{589}{67} = 8\frac{53}{67}$$

$$9. \frac{632}{184} \xrightarrow{\div 8} = \frac{79}{23} = 3\frac{10}{23}$$

$$19. \frac{333}{99} \xrightarrow{\div 9} = \frac{37}{11} = 3\frac{4}{11}$$

$$10. \frac{1520}{752} \xrightarrow{\div 16} = \frac{95}{47} = 2\frac{1}{47}$$

$$20. \frac{705}{285} \xrightarrow{\div 15} = \frac{47}{19} = 2\frac{9}{19}$$