

# Simplifying Proper Fractions (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{14}{21} \xrightarrow{\div 7} \frac{2}{3}$

11.  $\frac{7}{287} =$

21.  $\frac{76}{384} =$

31.  $\frac{4}{44} =$

2.  $\frac{203}{350} =$

12.  $\frac{10}{55} =$

22.  $\frac{30}{770} =$

32.  $\frac{99}{225} =$

3.  $\frac{5}{30} =$

13.  $\frac{40}{44} =$

23.  $\frac{312}{468} =$

33.  $\frac{44}{104} =$

4.  $\frac{100}{450} =$

14.  $\frac{20}{25} =$

24.  $\frac{12}{18} =$

34.  $\frac{40}{44} =$

5.  $\frac{98}{148} =$

15.  $\frac{155}{225} =$

25.  $\frac{830}{850} =$

35.  $\frac{12}{114} =$

6.  $\frac{10}{12} =$

16.  $\frac{8}{72} =$

26.  $\frac{20}{290} =$

36.  $\frac{75}{230} =$

7.  $\frac{18}{33} =$

17.  $\frac{6}{82} =$

27.  $\frac{80}{190} =$

37.  $\frac{24}{140} =$

8.  $\frac{270}{1000} =$

18.  $\frac{102}{276} =$

28.  $\frac{9}{108} =$

38.  $\frac{7}{42} =$

9.  $\frac{252}{369} =$

19.  $\frac{260}{970} =$

29.  $\frac{100}{360} =$

39.  $\frac{9}{108} =$

10.  $\frac{8}{48} =$

20.  $\frac{56}{80} =$

30.  $\frac{60}{134} =$

40.  $\frac{2}{12} =$

# Simplifying Proper Fractions (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{14}{21} \xrightarrow{\div 7} \frac{2}{3}$$

$$11. \frac{7}{287} \xrightarrow{\div 7} \frac{1}{41}$$

$$21. \frac{76}{384} \xrightarrow{\div 4} \frac{19}{96}$$

$$31. \frac{4}{44} \xrightarrow{\div 4} \frac{1}{11}$$

$$2. \frac{203}{350} \xrightarrow{\div 7} \frac{29}{50}$$

$$12. \frac{10}{55} \xrightarrow{\div 5} \frac{2}{11}$$

$$22. \frac{30}{770} \xrightarrow{\div 10} \frac{3}{77}$$

$$32. \frac{99}{225} \xrightarrow{\div 9} \frac{11}{25}$$

$$3. \frac{5}{30} \xrightarrow{\div 5} \frac{1}{6}$$

$$13. \frac{40}{44} \xrightarrow{\div 4} \frac{10}{11}$$

$$23. \frac{312}{468} \xrightarrow{\div 156} \frac{2}{3}$$

$$33. \frac{44}{104} \xrightarrow{\div 4} \frac{11}{26}$$

$$4. \frac{100}{450} \xrightarrow{\div 50} \frac{2}{9}$$

$$14. \frac{20}{25} \xrightarrow{\div 5} \frac{4}{5}$$

$$24. \frac{12}{18} \xrightarrow{\div 6} \frac{2}{3}$$

$$34. \frac{40}{44} \xrightarrow{\div 4} \frac{10}{11}$$

$$5. \frac{98}{148} \xrightarrow{\div 2} \frac{49}{74}$$

$$15. \frac{155}{225} \xrightarrow{\div 5} \frac{31}{45}$$

$$25. \frac{830}{850} \xrightarrow{\div 10} \frac{83}{85}$$

$$35. \frac{12}{114} \xrightarrow{\div 6} \frac{2}{19}$$

$$6. \frac{10}{12} \xrightarrow{\div 2} \frac{5}{6}$$

$$16. \frac{8}{72} \xrightarrow{\div 8} \frac{1}{9}$$

$$26. \frac{20}{290} \xrightarrow{\div 10} \frac{2}{29}$$

$$36. \frac{75}{230} \xrightarrow{\div 5} \frac{15}{46}$$

$$7. \frac{18}{33} \xrightarrow{\div 3} \frac{6}{11}$$

$$17. \frac{6}{82} \xrightarrow{\div 2} \frac{3}{41}$$

$$27. \frac{80}{190} \xrightarrow{\div 10} \frac{8}{19}$$

$$37. \frac{24}{140} \xrightarrow{\div 4} \frac{6}{35}$$

$$8. \frac{270}{1000} \xrightarrow{\div 10} \frac{27}{100}$$

$$18. \frac{102}{276} \xrightarrow{\div 6} \frac{17}{46}$$

$$28. \frac{9}{108} \xrightarrow{\div 9} \frac{1}{12}$$

$$38. \frac{7}{42} \xrightarrow{\div 7} \frac{1}{6}$$

$$9. \frac{252}{369} \xrightarrow{\div 9} \frac{28}{41}$$

$$19. \frac{260}{970} \xrightarrow{\div 10} \frac{26}{97}$$

$$29. \frac{100}{360} \xrightarrow{\div 20} \frac{5}{18}$$

$$39. \frac{9}{108} \xrightarrow{\div 9} \frac{1}{12}$$

$$10. \frac{8}{48} \xrightarrow{\div 8} \frac{1}{6}$$

$$20. \frac{56}{80} \xrightarrow{\div 8} \frac{7}{10}$$

$$30. \frac{60}{134} \xrightarrow{\div 2} \frac{30}{67}$$

$$40. \frac{2}{12} \xrightarrow{\div 2} \frac{1}{6}$$

# Simplifying Proper Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{40}{48} = \frac{5}{6}$   
→ ÷8 (top)    → ÷8 (bottom)

11.  $\frac{80}{704} =$

21.  $\frac{80}{110} =$

31.  $\frac{192}{352} =$

2.  $\frac{7}{119} =$

12.  $\frac{35}{42} =$

22.  $\frac{4}{8} =$

32.  $\frac{192}{348} =$

3.  $\frac{80}{290} =$

13.  $\frac{280}{640} =$

23.  $\frac{8}{10} =$

33.  $\frac{48}{348} =$

4.  $\frac{260}{350} =$

14.  $\frac{217}{560} =$

24.  $\frac{632}{656} =$

34.  $\frac{56}{63} =$

5.  $\frac{198}{423} =$

15.  $\frac{150}{450} =$

25.  $\frac{318}{582} =$

35.  $\frac{217}{413} =$

6.  $\frac{70}{680} =$

16.  $\frac{276}{372} =$

26.  $\frac{126}{396} =$

36.  $\frac{25}{410} =$

7.  $\frac{68}{112} =$

17.  $\frac{304}{344} =$

27.  $\frac{126}{594} =$

37.  $\frac{40}{170} =$

8.  $\frac{6}{42} =$

18.  $\frac{330}{462} =$

28.  $\frac{90}{100} =$

38.  $\frac{783}{882} =$

9.  $\frac{513}{549} =$

19.  $\frac{648}{784} =$

29.  $\frac{132}{312} =$

39.  $\frac{783}{819} =$

10.  $\frac{217}{644} =$

20.  $\frac{196}{287} =$

30.  $\frac{153}{306} =$

40.  $\frac{42}{308} =$

# Simplifying Proper Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{40}{48} \xrightarrow{\div 8} \frac{5}{6}$$

$$11. \frac{80}{704} \xrightarrow{\div 16} \frac{5}{44}$$

$$21. \frac{80}{110} \xrightarrow{\div 10} \frac{8}{11}$$

$$31. \frac{192}{352} \xrightarrow{\div 32} \frac{6}{11}$$

$$2. \frac{7}{119} \xrightarrow{\div 7} \frac{1}{17}$$

$$12. \frac{35}{42} \xrightarrow{\div 7} \frac{5}{6}$$

$$22. \frac{4}{8} \xrightarrow{\div 4} \frac{1}{2}$$

$$32. \frac{192}{348} \xrightarrow{\div 12} \frac{16}{29}$$

$$3. \frac{80}{290} \xrightarrow{\div 10} \frac{8}{29}$$

$$13. \frac{280}{640} \xrightarrow{\div 40} \frac{7}{16}$$

$$23. \frac{8}{10} \xrightarrow{\div 2} \frac{4}{5}$$

$$33. \frac{48}{348} \xrightarrow{\div 12} \frac{4}{29}$$

$$4. \frac{260}{350} \xrightarrow{\div 10} \frac{26}{35}$$

$$14. \frac{217}{560} \xrightarrow{\div 7} \frac{31}{80}$$

$$24. \frac{632}{656} \xrightarrow{\div 8} \frac{79}{82}$$

$$34. \frac{56}{63} \xrightarrow{\div 7} \frac{8}{9}$$

$$5. \frac{198}{423} \xrightarrow{\div 9} \frac{22}{47}$$

$$15. \frac{150}{450} \xrightarrow{\div 150} \frac{1}{3}$$

$$25. \frac{318}{582} \xrightarrow{\div 6} \frac{53}{97}$$

$$35. \frac{217}{413} \xrightarrow{\div 7} \frac{31}{59}$$

$$6. \frac{70}{680} \xrightarrow{\div 10} \frac{7}{68}$$

$$16. \frac{276}{372} \xrightarrow{\div 12} \frac{23}{31}$$

$$26. \frac{126}{396} \xrightarrow{\div 18} \frac{7}{22}$$

$$36. \frac{25}{410} \xrightarrow{\div 5} \frac{5}{82}$$

$$7. \frac{68}{112} \xrightarrow{\div 4} \frac{17}{28}$$

$$17. \frac{304}{344} \xrightarrow{\div 8} \frac{38}{43}$$

$$27. \frac{126}{594} \xrightarrow{\div 18} \frac{7}{33}$$

$$37. \frac{40}{170} \xrightarrow{\div 10} \frac{4}{17}$$

$$8. \frac{6}{42} \xrightarrow{\div 6} \frac{1}{7}$$

$$18. \frac{330}{462} \xrightarrow{\div 66} \frac{5}{7}$$

$$28. \frac{90}{100} \xrightarrow{\div 10} \frac{9}{10}$$

$$38. \frac{783}{882} \xrightarrow{\div 9} \frac{87}{98}$$

$$9. \frac{513}{549} \xrightarrow{\div 9} \frac{57}{61}$$

$$19. \frac{648}{784} \xrightarrow{\div 8} \frac{81}{98}$$

$$29. \frac{132}{312} \xrightarrow{\div 12} \frac{11}{26}$$

$$39. \frac{783}{819} \xrightarrow{\div 9} \frac{87}{91}$$

$$10. \frac{217}{644} \xrightarrow{\div 7} \frac{31}{92}$$

$$20. \frac{196}{287} \xrightarrow{\div 7} \frac{28}{41}$$

$$30. \frac{153}{306} \xrightarrow{\div 153} \frac{1}{2}$$

$$40. \frac{42}{308} \xrightarrow{\div 14} \frac{3}{22}$$

# Simplifying Proper Fractions (C)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{18}{182} \xrightarrow{\div 2} = \frac{9}{91} \xrightarrow{\div 2}$

11.  $\frac{80}{88} =$

21.  $\frac{78}{90} =$

31.  $\frac{64}{456} =$

2.  $\frac{21}{133} =$

12.  $\frac{48}{232} =$

22.  $\frac{81}{264} =$

32.  $\frac{25}{60} =$

3.  $\frac{72}{320} =$

13.  $\frac{2}{4} =$

23.  $\frac{45}{63} =$

33.  $\frac{175}{290} =$

4.  $\frac{28}{49} =$

14.  $\frac{63}{77} =$

24.  $\frac{270}{710} =$

34.  $\frac{9}{90} =$

5.  $\frac{64}{72} =$

15.  $\frac{16}{42} =$

25.  $\frac{245}{252} =$

35.  $\frac{154}{266} =$

6.  $\frac{104}{392} =$

16.  $\frac{2}{68} =$

26.  $\frac{36}{570} =$

36.  $\frac{234}{252} =$

7.  $\frac{700}{730} =$

17.  $\frac{66}{84} =$

27.  $\frac{36}{240} =$

37.  $\frac{203}{490} =$

8.  $\frac{42}{48} =$

18.  $\frac{115}{480} =$

28.  $\frac{252}{308} =$

38.  $\frac{18}{60} =$

9.  $\frac{216}{376} =$

19.  $\frac{15}{21} =$

29.  $\frac{21}{54} =$

39.  $\frac{120}{185} =$

10.  $\frac{9}{54} =$

20.  $\frac{56}{92} =$

30.  $\frac{84}{525} =$

40.  $\frac{45}{54} =$

# Simplifying Proper Fractions (C) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{18}{182} \xrightarrow{\div 2} = \frac{9}{91}$$

$$11. \frac{80}{88} \xrightarrow{\div 8} = \frac{10}{11}$$

$$21. \frac{78}{90} \xrightarrow{\div 6} = \frac{13}{15}$$

$$31. \frac{64}{456} \xrightarrow{\div 8} = \frac{8}{57}$$

$$2. \frac{21}{133} \xrightarrow{\div 7} = \frac{3}{19}$$

$$12. \frac{48}{232} \xrightarrow{\div 8} = \frac{6}{29}$$

$$22. \frac{81}{264} \xrightarrow{\div 3} = \frac{27}{88}$$

$$32. \frac{25}{60} \xrightarrow{\div 5} = \frac{5}{12}$$

$$3. \frac{72}{320} \xrightarrow{\div 8} = \frac{9}{40}$$

$$13. \frac{2}{4} \xrightarrow{\div 2} = \frac{1}{2}$$

$$23. \frac{45}{63} \xrightarrow{\div 9} = \frac{5}{7}$$

$$33. \frac{175}{290} \xrightarrow{\div 5} = \frac{35}{58}$$

$$4. \frac{28}{49} \xrightarrow{\div 7} = \frac{4}{7}$$

$$14. \frac{63}{77} \xrightarrow{\div 7} = \frac{9}{11}$$

$$24. \frac{270}{710} \xrightarrow{\div 10} = \frac{27}{71}$$

$$34. \frac{9}{90} \xrightarrow{\div 9} = \frac{1}{10}$$

$$5. \frac{64}{72} \xrightarrow{\div 8} = \frac{8}{9}$$

$$15. \frac{16}{42} \xrightarrow{\div 2} = \frac{8}{21}$$

$$25. \frac{245}{252} \xrightarrow{\div 7} = \frac{35}{36}$$

$$35. \frac{154}{266} \xrightarrow{\div 14} = \frac{11}{19}$$

$$6. \frac{104}{392} \xrightarrow{\div 8} = \frac{13}{49}$$

$$16. \frac{2}{68} \xrightarrow{\div 2} = \frac{1}{34}$$

$$26. \frac{36}{570} \xrightarrow{\div 6} = \frac{6}{95}$$

$$36. \frac{234}{252} \xrightarrow{\div 18} = \frac{13}{14}$$

$$7. \frac{700}{730} \xrightarrow{\div 10} = \frac{70}{73}$$

$$17. \frac{66}{84} \xrightarrow{\div 6} = \frac{11}{14}$$

$$27. \frac{36}{240} \xrightarrow{\div 12} = \frac{3}{20}$$

$$37. \frac{203}{490} \xrightarrow{\div 7} = \frac{29}{70}$$

$$8. \frac{42}{48} \xrightarrow{\div 6} = \frac{7}{8}$$

$$18. \frac{115}{480} \xrightarrow{\div 5} = \frac{23}{96}$$

$$28. \frac{252}{308} \xrightarrow{\div 28} = \frac{9}{11}$$

$$38. \frac{18}{60} \xrightarrow{\div 6} = \frac{3}{10}$$

$$9. \frac{216}{376} \xrightarrow{\div 8} = \frac{27}{47}$$

$$19. \frac{15}{21} \xrightarrow{\div 3} = \frac{5}{7}$$

$$29. \frac{21}{54} \xrightarrow{\div 3} = \frac{7}{18}$$

$$39. \frac{120}{185} \xrightarrow{\div 5} = \frac{24}{37}$$

$$10. \frac{9}{54} \xrightarrow{\div 9} = \frac{1}{6}$$

$$20. \frac{56}{92} \xrightarrow{\div 4} = \frac{14}{23}$$

$$30. \frac{84}{525} \xrightarrow{\div 21} = \frac{4}{25}$$

$$40. \frac{45}{54} \xrightarrow{\div 9} = \frac{5}{6}$$

# Simplifying Proper Fractions (D)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{180}{666} \xrightarrow{\div 18} = \frac{10}{37}$

11.  $\frac{117}{144} =$

21.  $\frac{240}{384} =$

31.  $\frac{140}{252} =$

2.  $\frac{153}{585} =$

12.  $\frac{18}{534} =$

22.  $\frac{42}{54} =$

32.  $\frac{24}{384} =$

3.  $\frac{2}{12} =$

13.  $\frac{84}{180} =$

23.  $\frac{48}{110} =$

33.  $\frac{750}{880} =$

4.  $\frac{56}{632} =$

14.  $\frac{110}{385} =$

24.  $\frac{39}{132} =$

34.  $\frac{30}{64} =$

5.  $\frac{540}{702} =$

15.  $\frac{66}{80} =$

25.  $\frac{104}{192} =$

35.  $\frac{15}{27} =$

6.  $\frac{171}{276} =$

16.  $\frac{27}{30} =$

26.  $\frac{25}{60} =$

36.  $\frac{100}{150} =$

7.  $\frac{260}{820} =$

17.  $\frac{270}{330} =$

27.  $\frac{24}{216} =$

37.  $\frac{84}{450} =$

8.  $\frac{15}{55} =$

18.  $\frac{390}{430} =$

28.  $\frac{42}{216} =$

38.  $\frac{129}{237} =$

9.  $\frac{36}{44} =$

19.  $\frac{10}{40} =$

29.  $\frac{112}{340} =$

39.  $\frac{66}{72} =$

10.  $\frac{40}{96} =$

20.  $\frac{315}{365} =$

30.  $\frac{7}{357} =$

40.  $\frac{64}{296} =$

# Simplifying Proper Fractions (D) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{180}{666} \xrightarrow{\div 18} = \frac{10}{37}$$

$$11. \frac{117}{144} \xrightarrow{\div 9} = \frac{13}{16}$$

$$21. \frac{240}{384} \xrightarrow{\div 48} = \frac{5}{8}$$

$$31. \frac{140}{252} \xrightarrow{\div 28} = \frac{5}{9}$$

$$2. \frac{153}{585} \xrightarrow{\div 9} = \frac{17}{65}$$

$$12. \frac{18}{534} \xrightarrow{\div 6} = \frac{3}{89}$$

$$22. \frac{42}{54} \xrightarrow{\div 6} = \frac{7}{9}$$

$$32. \frac{24}{384} \xrightarrow{\div 24} = \frac{1}{16}$$

$$3. \frac{2}{12} \xrightarrow{\div 2} = \frac{1}{6}$$

$$13. \frac{84}{180} \xrightarrow{\div 12} = \frac{7}{15}$$

$$23. \frac{48}{110} \xrightarrow{\div 2} = \frac{24}{55}$$

$$33. \frac{750}{880} \xrightarrow{\div 10} = \frac{75}{88}$$

$$4. \frac{56}{632} \xrightarrow{\div 8} = \frac{7}{79}$$

$$14. \frac{110}{385} \xrightarrow{\div 55} = \frac{2}{7}$$

$$24. \frac{39}{132} \xrightarrow{\div 3} = \frac{13}{44}$$

$$34. \frac{30}{64} \xrightarrow{\div 2} = \frac{15}{32}$$

$$5. \frac{540}{702} \xrightarrow{\div 54} = \frac{10}{13}$$

$$15. \frac{66}{80} \xrightarrow{\div 2} = \frac{33}{40}$$

$$25. \frac{104}{192} \xrightarrow{\div 8} = \frac{13}{24}$$

$$35. \frac{15}{27} \xrightarrow{\div 3} = \frac{5}{9}$$

$$6. \frac{171}{276} \xrightarrow{\div 3} = \frac{57}{92}$$

$$16. \frac{27}{30} \xrightarrow{\div 3} = \frac{9}{10}$$

$$26. \frac{25}{60} \xrightarrow{\div 5} = \frac{5}{12}$$

$$36. \frac{100}{150} \xrightarrow{\div 50} = \frac{2}{3}$$

$$7. \frac{260}{820} \xrightarrow{\div 20} = \frac{13}{41}$$

$$17. \frac{270}{330} \xrightarrow{\div 30} = \frac{9}{11}$$

$$27. \frac{24}{216} \xrightarrow{\div 24} = \frac{1}{9}$$

$$37. \frac{84}{450} \xrightarrow{\div 6} = \frac{14}{75}$$

$$8. \frac{15}{55} \xrightarrow{\div 5} = \frac{3}{11}$$

$$18. \frac{390}{430} \xrightarrow{\div 10} = \frac{39}{43}$$

$$28. \frac{42}{216} \xrightarrow{\div 6} = \frac{7}{36}$$

$$38. \frac{129}{237} \xrightarrow{\div 3} = \frac{43}{79}$$

$$9. \frac{36}{44} \xrightarrow{\div 4} = \frac{9}{11}$$

$$19. \frac{10}{40} \xrightarrow{\div 10} = \frac{1}{4}$$

$$29. \frac{112}{340} \xrightarrow{\div 4} = \frac{28}{85}$$

$$39. \frac{66}{72} \xrightarrow{\div 6} = \frac{11}{12}$$

$$10. \frac{40}{96} \xrightarrow{\div 8} = \frac{5}{12}$$

$$20. \frac{315}{365} \xrightarrow{\div 5} = \frac{63}{73}$$

$$30. \frac{7}{357} \xrightarrow{\div 7} = \frac{1}{51}$$

$$40. \frac{64}{296} \xrightarrow{\div 8} = \frac{8}{37}$$



# Simplifying Proper Fractions (E)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{54}{62} \xrightarrow{\div 2} \frac{27}{31}$

11.  $\frac{18}{27} =$

21.  $\frac{165}{246} =$

31.  $\frac{42}{76} =$

2.  $\frac{45}{99} =$

12.  $\frac{160}{440} =$

22.  $\frac{6}{27} =$

32.  $\frac{210}{530} =$

3.  $\frac{210}{730} =$

13.  $\frac{60}{356} =$

23.  $\frac{180}{477} =$

33.  $\frac{486}{498} =$

4.  $\frac{348}{510} =$

14.  $\frac{85}{180} =$

24.  $\frac{72}{84} =$

34.  $\frac{14}{595} =$

5.  $\frac{30}{162} =$

15.  $\frac{384}{584} =$

25.  $\frac{40}{65} =$

35.  $\frac{5}{50} =$

6.  $\frac{8}{36} =$

16.  $\frac{6}{39} =$

26.  $\frac{64}{148} =$

36.  $\frac{16}{348} =$

7.  $\frac{534}{540} =$

17.  $\frac{16}{40} =$

27.  $\frac{576}{656} =$

37.  $\frac{244}{312} =$

8.  $\frac{7}{322} =$

18.  $\frac{144}{222} =$

28.  $\frac{6}{10} =$

38.  $\frac{12}{28} =$

9.  $\frac{120}{592} =$

19.  $\frac{6}{72} =$

29.  $\frac{21}{138} =$

39.  $\frac{6}{300} =$

10.  $\frac{12}{76} =$

20.  $\frac{77}{273} =$

30.  $\frac{18}{27} =$

40.  $\frac{10}{820} =$

# Simplifying Proper Fractions (E) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{54}{62} \xrightarrow{\div 2} \frac{27}{31}$$

$$11. \frac{18}{27} \xrightarrow{\div 9} \frac{2}{3}$$

$$21. \frac{165}{246} \xrightarrow{\div 3} \frac{55}{82}$$

$$31. \frac{42}{76} \xrightarrow{\div 2} \frac{21}{38}$$

$$2. \frac{45}{99} \xrightarrow{\div 9} \frac{5}{11}$$

$$12. \frac{160}{440} \xrightarrow{\div 40} \frac{4}{11}$$

$$22. \frac{6}{27} \xrightarrow{\div 3} \frac{2}{9}$$

$$32. \frac{210}{530} \xrightarrow{\div 10} \frac{21}{53}$$

$$3. \frac{210}{730} \xrightarrow{\div 10} \frac{21}{73}$$

$$13. \frac{60}{356} \xrightarrow{\div 4} \frac{15}{89}$$

$$23. \frac{180}{477} \xrightarrow{\div 9} \frac{20}{53}$$

$$33. \frac{486}{498} \xrightarrow{\div 6} \frac{81}{83}$$

$$4. \frac{348}{510} \xrightarrow{\div 6} \frac{58}{85}$$

$$14. \frac{85}{180} \xrightarrow{\div 5} \frac{17}{36}$$

$$24. \frac{72}{84} \xrightarrow{\div 12} \frac{6}{7}$$

$$34. \frac{14}{595} \xrightarrow{\div 7} \frac{2}{85}$$

$$5. \frac{30}{162} \xrightarrow{\div 6} \frac{5}{27}$$

$$15. \frac{384}{584} \xrightarrow{\div 8} \frac{48}{73}$$

$$25. \frac{40}{65} \xrightarrow{\div 5} \frac{8}{13}$$

$$35. \frac{5}{50} \xrightarrow{\div 5} \frac{1}{10}$$

$$6. \frac{8}{36} \xrightarrow{\div 4} \frac{2}{9}$$

$$16. \frac{6}{39} \xrightarrow{\div 3} \frac{2}{13}$$

$$26. \frac{64}{148} \xrightarrow{\div 4} \frac{16}{37}$$

$$36. \frac{16}{348} \xrightarrow{\div 4} \frac{4}{87}$$

$$7. \frac{534}{540} \xrightarrow{\div 6} \frac{89}{90}$$

$$17. \frac{16}{40} \xrightarrow{\div 8} \frac{2}{5}$$

$$27. \frac{576}{656} \xrightarrow{\div 16} \frac{36}{41}$$

$$37. \frac{244}{312} \xrightarrow{\div 4} \frac{61}{78}$$

$$8. \frac{7}{322} \xrightarrow{\div 7} \frac{1}{46}$$

$$18. \frac{144}{222} \xrightarrow{\div 6} \frac{24}{37}$$

$$28. \frac{6}{10} \xrightarrow{\div 2} \frac{3}{5}$$

$$38. \frac{12}{28} \xrightarrow{\div 4} \frac{3}{7}$$

$$9. \frac{120}{592} \xrightarrow{\div 8} \frac{15}{74}$$

$$19. \frac{6}{72} \xrightarrow{\div 6} \frac{1}{12}$$

$$29. \frac{21}{138} \xrightarrow{\div 3} \frac{7}{46}$$

$$39. \frac{6}{300} \xrightarrow{\div 6} \frac{1}{50}$$

$$10. \frac{12}{76} \xrightarrow{\div 4} \frac{3}{19}$$

$$20. \frac{77}{273} \xrightarrow{\div 7} \frac{11}{39}$$

$$30. \frac{18}{27} \xrightarrow{\div 9} \frac{2}{3}$$

$$40. \frac{10}{820} \xrightarrow{\div 10} \frac{1}{82}$$

# Simplifying Proper Fractions (F)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{144}{332} \xrightarrow{\div 4} \frac{36}{83}$

11.  $\frac{40}{90} =$

21.  $\frac{40}{360} =$

31.  $\frac{72}{132} =$

2.  $\frac{710}{850} =$

12.  $\frac{28}{260} =$

22.  $\frac{7}{161} =$

32.  $\frac{155}{330} =$

3.  $\frac{18}{52} =$

13.  $\frac{424}{640} =$

23.  $\frac{18}{27} =$

33.  $\frac{252}{259} =$

4.  $\frac{54}{408} =$

14.  $\frac{28}{32} =$

24.  $\frac{40}{168} =$

34.  $\frac{340}{600} =$

5.  $\frac{50}{70} =$

15.  $\frac{760}{870} =$

25.  $\frac{558}{765} =$

35.  $\frac{287}{329} =$

6.  $\frac{64}{344} =$

16.  $\frac{64}{104} =$

26.  $\frac{88}{96} =$

36.  $\frac{4}{58} =$

7.  $\frac{20}{60} =$

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

27.  $\frac{51}{54} =$

37.  $\frac{60}{270} =$

8.  $\frac{36}{45} =$

18.  $\frac{405}{522} =$

28.  $\frac{333}{513} =$

38.  $\frac{207}{240} =$

9.  $\frac{282}{372} =$

19.  $\frac{528}{576} =$

29.  $\frac{66}{158} =$

39.  $\frac{63}{90} =$

10.  $\frac{280}{581} =$

20.  $\frac{600}{632} =$

30.  $\frac{56}{96} =$

40.  $\frac{12}{32} =$

# Simplifying Proper Fractions (F) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{144}{332} \xrightarrow{\div 4} = \frac{36}{83}$$

$$11. \frac{40}{90} \xrightarrow{\div 10} = \frac{4}{9}$$

$$21. \frac{40}{360} \xrightarrow{\div 40} = \frac{1}{9}$$

$$31. \frac{72}{132} \xrightarrow{\div 12} = \frac{6}{11}$$

$$2. \frac{710}{850} \xrightarrow{\div 10} = \frac{71}{85}$$

$$12. \frac{28}{260} \xrightarrow{\div 4} = \frac{7}{65}$$

$$22. \frac{7}{161} \xrightarrow{\div 7} = \frac{1}{23}$$

$$32. \frac{155}{330} \xrightarrow{\div 5} = \frac{31}{66}$$

$$3. \frac{18}{52} \xrightarrow{\div 2} = \frac{9}{26}$$

$$13. \frac{424}{640} \xrightarrow{\div 8} = \frac{53}{80}$$

$$23. \frac{18}{27} \xrightarrow{\div 9} = \frac{2}{3}$$

$$33. \frac{252}{259} \xrightarrow{\div 7} = \frac{36}{37}$$

$$4. \frac{54}{408} \xrightarrow{\div 6} = \frac{9}{68}$$

$$14. \frac{28}{32} \xrightarrow{\div 4} = \frac{7}{8}$$

$$24. \frac{40}{168} \xrightarrow{\div 8} = \frac{5}{21}$$

$$34. \frac{340}{600} \xrightarrow{\div 20} = \frac{17}{30}$$

$$5. \frac{50}{70} \xrightarrow{\div 10} = \frac{5}{7}$$

$$15. \frac{760}{870} \xrightarrow{\div 10} = \frac{76}{87}$$

$$25. \frac{558}{765} \xrightarrow{\div 9} = \frac{62}{85}$$

$$35. \frac{287}{329} \xrightarrow{\div 7} = \frac{41}{47}$$

$$6. \frac{64}{344} \xrightarrow{\div 8} = \frac{8}{43}$$

$$16. \frac{64}{104} \xrightarrow{\div 8} = \frac{8}{13}$$

$$26. \frac{88}{96} \xrightarrow{\div 8} = \frac{11}{12}$$

$$36. \frac{4}{58} \xrightarrow{\div 2} = \frac{2}{29}$$

$$7. \frac{20}{60} \xrightarrow{\div 20} = \frac{1}{3}$$

$$17. \frac{5}{10} \xrightarrow{\div 5} = \frac{1}{2}$$

$$27. \frac{51}{54} \xrightarrow{\div 3} = \frac{17}{18}$$

$$37. \frac{60}{270} \xrightarrow{\div 30} = \frac{2}{9}$$

$$8. \frac{36}{45} \xrightarrow{\div 9} = \frac{4}{5}$$

$$18. \frac{405}{522} \xrightarrow{\div 9} = \frac{45}{58}$$

$$28. \frac{333}{513} \xrightarrow{\div 9} = \frac{37}{57}$$

$$38. \frac{207}{240} \xrightarrow{\div 3} = \frac{69}{80}$$

$$9. \frac{282}{372} \xrightarrow{\div 6} = \frac{47}{62}$$

$$19. \frac{528}{576} \xrightarrow{\div 48} = \frac{11}{12}$$

$$29. \frac{66}{158} \xrightarrow{\div 2} = \frac{33}{79}$$

$$39. \frac{63}{90} \xrightarrow{\div 9} = \frac{7}{10}$$

$$10. \frac{280}{581} \xrightarrow{\div 7} = \frac{40}{83}$$

$$20. \frac{600}{632} \xrightarrow{\div 8} = \frac{75}{79}$$

$$30. \frac{56}{96} \xrightarrow{\div 8} = \frac{7}{12}$$

$$40. \frac{12}{32} \xrightarrow{\div 4} = \frac{3}{8}$$

# Simplifying Proper Fractions (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{33}{36} \xrightarrow{\div 3} \frac{11}{12}$

11.  $\frac{6}{48} =$

21.  $\frac{336}{608} =$

31.  $\frac{306}{438} =$

2.  $\frac{12}{90} =$

12.  $\frac{12}{16} =$

22.  $\frac{50}{80} =$

32.  $\frac{15}{48} =$

3.  $\frac{30}{80} =$

13.  $\frac{488}{544} =$

23.  $\frac{36}{46} =$

33.  $\frac{8}{92} =$

4.  $\frac{140}{310} =$

14.  $\frac{48}{736} =$

24.  $\frac{24}{96} =$

34.  $\frac{455}{686} =$

5.  $\frac{100}{420} =$

15.  $\frac{30}{100} =$

25.  $\frac{21}{126} =$

35.  $\frac{24}{296} =$

6.  $\frac{22}{178} =$

16.  $\frac{50}{60} =$

26.  $\frac{200}{300} =$

36.  $\frac{21}{28} =$

7.  $\frac{90}{480} =$

17.  $\frac{56}{140} =$

27.  $\frac{42}{90} =$

37.  $\frac{174}{186} =$

8.  $\frac{24}{66} =$

18.  $\frac{8}{96} =$

28.  $\frac{140}{340} =$

38.  $\frac{100}{270} =$

9.  $\frac{639}{702} =$

19.  $\frac{5}{20} =$

29.  $\frac{49}{175} =$

39.  $\frac{108}{296} =$

10.  $\frac{38}{50} =$

20.  $\frac{28}{35} =$

30.  $\frac{35}{77} =$

40.  $\frac{4}{40} =$

# Simplifying Proper Fractions (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{33}{36} \xrightarrow{\div 3} \frac{11}{12}$$

$$11. \frac{6}{48} \xrightarrow{\div 6} \frac{1}{8}$$

$$21. \frac{336}{608} \xrightarrow{\div 16} \frac{21}{38}$$

$$31. \frac{306}{438} \xrightarrow{\div 6} \frac{51}{73}$$

$$2. \frac{12}{90} \xrightarrow{\div 6} \frac{2}{15}$$

$$12. \frac{12}{16} \xrightarrow{\div 4} \frac{3}{4}$$

$$22. \frac{50}{80} \xrightarrow{\div 10} \frac{5}{8}$$

$$32. \frac{15}{48} \xrightarrow{\div 3} \frac{5}{16}$$

$$3. \frac{30}{80} \xrightarrow{\div 10} \frac{3}{8}$$

$$13. \frac{488}{544} \xrightarrow{\div 8} \frac{61}{68}$$

$$23. \frac{36}{46} \xrightarrow{\div 2} \frac{18}{23}$$

$$33. \frac{8}{92} \xrightarrow{\div 4} \frac{2}{23}$$

$$4. \frac{140}{310} \xrightarrow{\div 10} \frac{14}{31}$$

$$14. \frac{48}{736} \xrightarrow{\div 16} \frac{3}{46}$$

$$24. \frac{24}{96} \xrightarrow{\div 24} \frac{1}{4}$$

$$34. \frac{455}{686} \xrightarrow{\div 7} \frac{65}{98}$$

$$5. \frac{100}{420} \xrightarrow{\div 20} \frac{5}{21}$$

$$15. \frac{30}{100} \xrightarrow{\div 10} \frac{3}{10}$$

$$25. \frac{21}{126} \xrightarrow{\div 21} \frac{1}{6}$$

$$35. \frac{24}{296} \xrightarrow{\div 8} \frac{3}{37}$$

$$6. \frac{22}{178} \xrightarrow{\div 2} \frac{11}{89}$$

$$16. \frac{50}{60} \xrightarrow{\div 10} \frac{5}{6}$$

$$26. \frac{200}{300} \xrightarrow{\div 100} \frac{2}{3}$$

$$36. \frac{21}{28} \xrightarrow{\div 7} \frac{3}{4}$$

$$7. \frac{90}{480} \xrightarrow{\div 30} \frac{3}{16}$$

$$17. \frac{56}{140} \xrightarrow{\div 28} \frac{2}{5}$$

$$27. \frac{42}{90} \xrightarrow{\div 6} \frac{7}{15}$$

$$37. \frac{174}{186} \xrightarrow{\div 6} \frac{29}{31}$$

$$8. \frac{24}{66} \xrightarrow{\div 6} \frac{4}{11}$$

$$18. \frac{8}{96} \xrightarrow{\div 8} \frac{1}{12}$$

$$28. \frac{140}{340} \xrightarrow{\div 20} \frac{7}{17}$$

$$38. \frac{100}{270} \xrightarrow{\div 10} \frac{10}{27}$$

$$9. \frac{639}{702} \xrightarrow{\div 9} \frac{71}{78}$$

$$19. \frac{5}{20} \xrightarrow{\div 5} \frac{1}{4}$$

$$29. \frac{49}{175} \xrightarrow{\div 7} \frac{7}{25}$$

$$39. \frac{108}{296} \xrightarrow{\div 4} \frac{27}{74}$$

$$10. \frac{38}{50} \xrightarrow{\div 2} \frac{19}{25}$$

$$20. \frac{28}{35} \xrightarrow{\div 7} \frac{4}{5}$$

$$30. \frac{35}{77} \xrightarrow{\div 7} \frac{5}{11}$$

$$40. \frac{4}{40} \xrightarrow{\div 4} \frac{1}{10}$$

# Simplifying Proper Fractions (H)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{288}{300} \xrightarrow{\div 12} \frac{24}{25}$

11.  $\frac{49}{336} =$

21.  $\frac{225}{255} =$

31.  $\frac{164}{320} =$

2.  $\frac{104}{296} =$

12.  $\frac{161}{175} =$

22.  $\frac{25}{30} =$

32.  $\frac{370}{410} =$

3.  $\frac{60}{304} =$

13.  $\frac{66}{126} =$

23.  $\frac{27}{90} =$

33.  $\frac{160}{640} =$

4.  $\frac{5}{30} =$

14.  $\frac{28}{70} =$

24.  $\frac{114}{162} =$

34.  $\frac{6}{24} =$

5.  $\frac{40}{144} =$

15.  $\frac{8}{74} =$

25.  $\frac{220}{335} =$

35.  $\frac{3}{126} =$

6.  $\frac{57}{132} =$

16.  $\frac{630}{711} =$

26.  $\frac{92}{140} =$

36.  $\frac{256}{336} =$

7.  $\frac{270}{720} =$

17.  $\frac{360}{420} =$

27.  $\frac{325}{420} =$

37.  $\frac{108}{252} =$

8.  $\frac{30}{36} =$

18.  $\frac{72}{268} =$

28.  $\frac{4}{32} =$

38.  $\frac{224}{259} =$

9.  $\frac{351}{531} =$

19.  $\frac{344}{664} =$

29.  $\frac{7}{126} =$

39.  $\frac{252}{532} =$

10.  $\frac{252}{828} =$

20.  $\frac{12}{68} =$

30.  $\frac{10}{24} =$

40.  $\frac{57}{81} =$

# Simplifying Proper Fractions (H) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{288}{300} \begin{matrix} \rightarrow \div 12 \\ \rightarrow \div 12 \end{matrix} = \frac{24}{25}$$

$$11. \frac{49}{336} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{7}{48}$$

$$21. \frac{225}{255} \begin{matrix} \rightarrow \div 15 \\ \rightarrow \div 15 \end{matrix} = \frac{15}{17}$$

$$31. \frac{164}{320} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{41}{80}$$

$$2. \frac{104}{296} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{13}{37}$$

$$12. \frac{161}{175} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{23}{25}$$

$$22. \frac{25}{30} \begin{matrix} \rightarrow \div 5 \\ \rightarrow \div 5 \end{matrix} = \frac{5}{6}$$

$$32. \frac{370}{410} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{37}{41}$$

$$3. \frac{60}{304} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{15}{76}$$

$$13. \frac{66}{126} \begin{matrix} \rightarrow \div 6 \\ \rightarrow \div 6 \end{matrix} = \frac{11}{21}$$

$$23. \frac{27}{90} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{3}{10}$$

$$33. \frac{160}{640} \begin{matrix} \rightarrow \div 160 \\ \rightarrow \div 160 \end{matrix} = \frac{1}{4}$$

$$4. \frac{5}{30} \begin{matrix} \rightarrow \div 5 \\ \rightarrow \div 5 \end{matrix} = \frac{1}{6}$$

$$14. \frac{28}{70} \begin{matrix} \rightarrow \div 14 \\ \rightarrow \div 14 \end{matrix} = \frac{2}{5}$$

$$24. \frac{114}{162} \begin{matrix} \rightarrow \div 6 \\ \rightarrow \div 6 \end{matrix} = \frac{19}{27}$$

$$34. \frac{6}{24} \begin{matrix} \rightarrow \div 6 \\ \rightarrow \div 6 \end{matrix} = \frac{1}{4}$$

$$5. \frac{40}{144} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{5}{18}$$

$$15. \frac{8}{74} \begin{matrix} \rightarrow \div 2 \\ \rightarrow \div 2 \end{matrix} = \frac{4}{37}$$

$$25. \frac{220}{335} \begin{matrix} \rightarrow \div 5 \\ \rightarrow \div 5 \end{matrix} = \frac{44}{67}$$

$$35. \frac{3}{126} \begin{matrix} \rightarrow \div 3 \\ \rightarrow \div 3 \end{matrix} = \frac{1}{42}$$

$$6. \frac{57}{132} \begin{matrix} \rightarrow \div 3 \\ \rightarrow \div 3 \end{matrix} = \frac{19}{44}$$

$$16. \frac{630}{711} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{70}{79}$$

$$26. \frac{92}{140} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{23}{35}$$

$$36. \frac{256}{336} \begin{matrix} \rightarrow \div 16 \\ \rightarrow \div 16 \end{matrix} = \frac{16}{21}$$

$$7. \frac{270}{720} \begin{matrix} \rightarrow \div 90 \\ \rightarrow \div 90 \end{matrix} = \frac{3}{8}$$

$$17. \frac{360}{420} \begin{matrix} \rightarrow \div 60 \\ \rightarrow \div 60 \end{matrix} = \frac{6}{7}$$

$$27. \frac{325}{420} \begin{matrix} \rightarrow \div 5 \\ \rightarrow \div 5 \end{matrix} = \frac{65}{84}$$

$$37. \frac{108}{252} \begin{matrix} \rightarrow \div 36 \\ \rightarrow \div 36 \end{matrix} = \frac{3}{7}$$

$$8. \frac{30}{36} \begin{matrix} \rightarrow \div 6 \\ \rightarrow \div 6 \end{matrix} = \frac{5}{6}$$

$$18. \frac{72}{268} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{18}{67}$$

$$28. \frac{4}{32} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{1}{8}$$

$$38. \frac{224}{259} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{32}{37}$$

$$9. \frac{351}{531} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{39}{59}$$

$$19. \frac{344}{664} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{43}{83}$$

$$29. \frac{7}{126} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{1}{18}$$

$$39. \frac{252}{532} \begin{matrix} \rightarrow \div 28 \\ \rightarrow \div 28 \end{matrix} = \frac{9}{19}$$

$$10. \frac{252}{828} \begin{matrix} \rightarrow \div 36 \\ \rightarrow \div 36 \end{matrix} = \frac{7}{23}$$

$$20. \frac{12}{68} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{3}{17}$$

$$30. \frac{10}{24} \begin{matrix} \rightarrow \div 2 \\ \rightarrow \div 2 \end{matrix} = \frac{5}{12}$$

$$40. \frac{57}{81} \begin{matrix} \rightarrow \div 3 \\ \rightarrow \div 3 \end{matrix} = \frac{19}{27}$$



# Simplifying Proper Fractions (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{26}{100} \xrightarrow{\div 2} \frac{13}{50}$

11.  $\frac{122}{128} =$

21.  $\frac{14}{35} =$

31.  $\frac{7}{70} =$

2.  $\frac{306}{378} =$

12.  $\frac{210}{294} =$

22.  $\frac{360}{426} =$

32.  $\frac{50}{450} =$

3.  $\frac{9}{18} =$

13.  $\frac{56}{152} =$

23.  $\frac{60}{264} =$

33.  $\frac{70}{305} =$

4.  $\frac{6}{12} =$

14.  $\frac{80}{295} =$

24.  $\frac{132}{222} =$

34.  $\frac{357}{483} =$

5.  $\frac{84}{108} =$

15.  $\frac{322}{385} =$

25.  $\frac{30}{80} =$

35.  $\frac{15}{50} =$

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

16.  $\frac{18}{122} =$

26.  $\frac{6}{63} =$

36.  $\frac{2}{20} =$

7.  $\frac{36}{63} =$

17.  $\frac{306}{378} =$

27.  $\frac{66}{72} =$

37.  $\frac{12}{102} =$

8.  $\frac{8}{96} =$

18.  $\frac{320}{790} =$

28.  $\frac{30}{42} =$

38.  $\frac{24}{184} =$

9.  $\frac{56}{64} =$

19.  $\frac{120}{340} =$

29.  $\frac{750}{870} =$

39.  $\frac{84}{174} =$

10.  $\frac{147}{189} =$

20.  $\frac{152}{336} =$

30.  $\frac{18}{114} =$

40.  $\frac{184}{432} =$

# Simplifying Proper Fractions (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{26}{100} \xrightarrow{\div 2} \frac{13}{50}$$

$$11. \frac{122}{128} \xrightarrow{\div 2} \frac{61}{64}$$

$$21. \frac{14}{35} \xrightarrow{\div 7} \frac{2}{5}$$

$$31. \frac{7}{70} \xrightarrow{\div 7} \frac{1}{10}$$

$$2. \frac{306}{378} \xrightarrow{\div 18} \frac{17}{21}$$

$$12. \frac{210}{294} \xrightarrow{\div 42} \frac{5}{7}$$

$$22. \frac{360}{426} \xrightarrow{\div 6} \frac{60}{71}$$

$$32. \frac{50}{450} \xrightarrow{\div 50} \frac{1}{9}$$

$$3. \frac{9}{18} \xrightarrow{\div 9} \frac{1}{2}$$

$$13. \frac{56}{152} \xrightarrow{\div 8} \frac{7}{19}$$

$$23. \frac{60}{264} \xrightarrow{\div 12} \frac{5}{22}$$

$$33. \frac{70}{305} \xrightarrow{\div 5} \frac{14}{61}$$

$$4. \frac{6}{12} \xrightarrow{\div 6} \frac{1}{2}$$

$$14. \frac{80}{295} \xrightarrow{\div 5} \frac{16}{59}$$

$$24. \frac{132}{222} \xrightarrow{\div 6} \frac{22}{37}$$

$$34. \frac{357}{483} \xrightarrow{\div 21} \frac{17}{23}$$

$$5. \frac{84}{108} \xrightarrow{\div 12} \frac{7}{9}$$

$$15. \frac{322}{385} \xrightarrow{\div 7} \frac{46}{55}$$

$$25. \frac{30}{80} \xrightarrow{\div 10} \frac{3}{8}$$

$$35. \frac{15}{50} \xrightarrow{\div 5} \frac{3}{10}$$

$$6. \frac{5}{10} \xrightarrow{\div 5} \frac{1}{2}$$

$$16. \frac{18}{122} \xrightarrow{\div 2} \frac{9}{61}$$

$$26. \frac{6}{63} \xrightarrow{\div 3} \frac{2}{21}$$

$$36. \frac{2}{20} \xrightarrow{\div 2} \frac{1}{10}$$

$$7. \frac{36}{63} \xrightarrow{\div 9} \frac{4}{7}$$

$$17. \frac{306}{378} \xrightarrow{\div 18} \frac{17}{21}$$

$$27. \frac{66}{72} \xrightarrow{\div 6} \frac{11}{12}$$

$$37. \frac{12}{102} \xrightarrow{\div 6} \frac{2}{17}$$

$$8. \frac{8}{96} \xrightarrow{\div 8} \frac{1}{12}$$

$$18. \frac{320}{790} \xrightarrow{\div 10} \frac{32}{79}$$

$$28. \frac{30}{42} \xrightarrow{\div 6} \frac{5}{7}$$

$$38. \frac{24}{184} \xrightarrow{\div 8} \frac{3}{23}$$

$$9. \frac{56}{64} \xrightarrow{\div 8} \frac{7}{8}$$

$$19. \frac{120}{340} \xrightarrow{\div 20} \frac{6}{17}$$

$$29. \frac{750}{870} \xrightarrow{\div 30} \frac{25}{29}$$

$$39. \frac{84}{174} \xrightarrow{\div 6} \frac{14}{29}$$

$$10. \frac{147}{189} \xrightarrow{\div 21} \frac{7}{9}$$

$$20. \frac{152}{336} \xrightarrow{\div 8} \frac{19}{42}$$

$$30. \frac{18}{114} \xrightarrow{\div 6} \frac{3}{19}$$

$$40. \frac{184}{432} \xrightarrow{\div 8} \frac{23}{54}$$

# Simplifying Proper Fractions (J)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

1.  $\frac{117}{144} \xrightarrow{\div 9} \frac{13}{16}$

11.  $\frac{350}{560} =$

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

31.  $\frac{50}{60} =$

2.  $\frac{297}{639} =$

12.  $\frac{64}{264} =$

22.  $\frac{160}{320} =$

32.  $\frac{38}{76} =$

3.  $\frac{98}{336} =$

13.  $\frac{45}{54} =$

23.  $\frac{245}{448} =$

33.  $\frac{234}{378} =$

4.  $\frac{5}{220} =$

14.  $\frac{14}{21} =$

24.  $\frac{119}{322} =$

34.  $\frac{196}{332} =$

5.  $\frac{36}{162} =$

15.  $\frac{24}{30} =$

25.  $\frac{245}{320} =$

35.  $\frac{4}{10} =$

6.  $\frac{252}{368} =$

16.  $\frac{40}{50} =$

26.  $\frac{130}{520} =$

36.  $\frac{3}{12} =$

7.  $\frac{10}{60} =$

17.  $\frac{141}{297} =$

27.  $\frac{48}{624} =$

37.  $\frac{624}{632} =$

8.  $\frac{32}{480} =$

18.  $\frac{464}{784} =$

28.  $\frac{140}{220} =$

38.  $\frac{264}{360} =$

9.  $\frac{108}{156} =$

19.  $\frac{456}{584} =$

29.  $\frac{376}{472} =$

39.  $\frac{54}{450} =$

10.  $\frac{60}{250} =$

20.  $\frac{140}{175} =$

30.  $\frac{120}{260} =$

40.  $\frac{368}{656} =$

# Simplifying Proper Fractions (J) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each fraction to its lowest terms

$$1. \frac{117}{144} \begin{array}{l} \xrightarrow{\div 9} \\ \xrightarrow{\div 9} \end{array} = \frac{13}{16}$$

$$11. \frac{350}{560} \begin{array}{l} \xrightarrow{\div 70} \\ \xrightarrow{\div 70} \end{array} = \frac{5}{8}$$

$$21. \frac{120}{390} \begin{array}{l} \xrightarrow{\div 30} \\ \xrightarrow{\div 30} \end{array} = \frac{4}{13}$$

$$31. \frac{50}{60} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{5}{6}$$

$$2. \frac{297}{639} \begin{array}{l} \xrightarrow{\div 9} \\ \xrightarrow{\div 9} \end{array} = \frac{33}{71}$$

$$12. \frac{64}{264} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{8}{33}$$

$$22. \frac{160}{320} \begin{array}{l} \xrightarrow{\div 160} \\ \xrightarrow{\div 160} \end{array} = \frac{1}{2}$$

$$32. \frac{38}{76} \begin{array}{l} \xrightarrow{\div 38} \\ \xrightarrow{\div 38} \end{array} = \frac{1}{2}$$

$$3. \frac{98}{336} \begin{array}{l} \xrightarrow{\div 14} \\ \xrightarrow{\div 14} \end{array} = \frac{7}{24}$$

$$13. \frac{45}{54} \begin{array}{l} \xrightarrow{\div 9} \\ \xrightarrow{\div 9} \end{array} = \frac{5}{6}$$

$$23. \frac{245}{448} \begin{array}{l} \xrightarrow{\div 7} \\ \xrightarrow{\div 7} \end{array} = \frac{35}{64}$$

$$33. \frac{234}{378} \begin{array}{l} \xrightarrow{\div 18} \\ \xrightarrow{\div 18} \end{array} = \frac{13}{21}$$

$$4. \frac{5}{220} \begin{array}{l} \xrightarrow{\div 5} \\ \xrightarrow{\div 5} \end{array} = \frac{1}{44}$$

$$14. \frac{14}{21} \begin{array}{l} \xrightarrow{\div 7} \\ \xrightarrow{\div 7} \end{array} = \frac{2}{3}$$

$$24. \frac{119}{322} \begin{array}{l} \xrightarrow{\div 7} \\ \xrightarrow{\div 7} \end{array} = \frac{17}{46}$$

$$34. \frac{196}{332} \begin{array}{l} \xrightarrow{\div 4} \\ \xrightarrow{\div 4} \end{array} = \frac{49}{83}$$

$$5. \frac{36}{162} \begin{array}{l} \xrightarrow{\div 18} \\ \xrightarrow{\div 18} \end{array} = \frac{2}{9}$$

$$15. \frac{24}{30} \begin{array}{l} \xrightarrow{\div 6} \\ \xrightarrow{\div 6} \end{array} = \frac{4}{5}$$

$$25. \frac{245}{320} \begin{array}{l} \xrightarrow{\div 5} \\ \xrightarrow{\div 5} \end{array} = \frac{49}{64}$$

$$35. \frac{4}{10} \begin{array}{l} \xrightarrow{\div 2} \\ \xrightarrow{\div 2} \end{array} = \frac{2}{5}$$

$$6. \frac{252}{368} \begin{array}{l} \xrightarrow{\div 4} \\ \xrightarrow{\div 4} \end{array} = \frac{63}{92}$$

$$16. \frac{40}{50} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{4}{5}$$

$$26. \frac{130}{520} \begin{array}{l} \xrightarrow{\div 130} \\ \xrightarrow{\div 130} \end{array} = \frac{1}{4}$$

$$36. \frac{3}{12} \begin{array}{l} \xrightarrow{\div 3} \\ \xrightarrow{\div 3} \end{array} = \frac{1}{4}$$

$$7. \frac{10}{60} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{1}{6}$$

$$17. \frac{141}{297} \begin{array}{l} \xrightarrow{\div 3} \\ \xrightarrow{\div 3} \end{array} = \frac{47}{99}$$

$$27. \frac{48}{624} \begin{array}{l} \xrightarrow{\div 48} \\ \xrightarrow{\div 48} \end{array} = \frac{1}{13}$$

$$37. \frac{624}{632} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{78}{79}$$

$$8. \frac{32}{480} \begin{array}{l} \xrightarrow{\div 32} \\ \xrightarrow{\div 32} \end{array} = \frac{1}{15}$$

$$18. \frac{464}{784} \begin{array}{l} \xrightarrow{\div 16} \\ \xrightarrow{\div 16} \end{array} = \frac{29}{49}$$

$$28. \frac{140}{220} \begin{array}{l} \xrightarrow{\div 20} \\ \xrightarrow{\div 20} \end{array} = \frac{7}{11}$$

$$38. \frac{264}{360} \begin{array}{l} \xrightarrow{\div 24} \\ \xrightarrow{\div 24} \end{array} = \frac{11}{15}$$

$$9. \frac{108}{156} \begin{array}{l} \xrightarrow{\div 12} \\ \xrightarrow{\div 12} \end{array} = \frac{9}{13}$$

$$19. \frac{456}{584} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{57}{73}$$

$$29. \frac{376}{472} \begin{array}{l} \xrightarrow{\div 8} \\ \xrightarrow{\div 8} \end{array} = \frac{47}{59}$$

$$39. \frac{54}{450} \begin{array}{l} \xrightarrow{\div 18} \\ \xrightarrow{\div 18} \end{array} = \frac{3}{25}$$

$$10. \frac{60}{250} \begin{array}{l} \xrightarrow{\div 10} \\ \xrightarrow{\div 10} \end{array} = \frac{6}{25}$$

$$20. \frac{140}{175} \begin{array}{l} \xrightarrow{\div 35} \\ \xrightarrow{\div 35} \end{array} = \frac{4}{5}$$

$$30. \frac{120}{260} \begin{array}{l} \xrightarrow{\div 20} \\ \xrightarrow{\div 20} \end{array} = \frac{6}{13}$$

$$40. \frac{368}{656} \begin{array}{l} \xrightarrow{\div 16} \\ \xrightarrow{\div 16} \end{array} = \frac{23}{41}$$