

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

$$1. \frac{40}{48} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{5}{6}$$

$$11. \frac{80}{704} \begin{matrix} \rightarrow \div 16 \\ \rightarrow \div 16 \end{matrix} = \frac{5}{44}$$

$$21. \frac{80}{110} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{8}{11}$$

$$31. \frac{192}{352} \begin{matrix} \rightarrow \div 32 \\ \rightarrow \div 32 \end{matrix} = \frac{6}{11}$$

$$2. \frac{7}{119} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{1}{17}$$

$$12. \frac{35}{42} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{5}{6}$$

$$22. \frac{4}{8} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{1}{2}$$

$$32. \frac{192}{348} \begin{matrix} \rightarrow \div 12 \\ \rightarrow \div 12 \end{matrix} = \frac{16}{29}$$

$$3. \frac{80}{290} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{8}{29}$$

$$13. \frac{280}{640} \begin{matrix} \rightarrow \div 40 \\ \rightarrow \div 40 \end{matrix} = \frac{7}{16}$$

$$23. \frac{8}{10} \begin{matrix} \rightarrow \div 2 \\ \rightarrow \div 2 \end{matrix} = \frac{4}{5}$$

$$33. \frac{48}{348} \begin{matrix} \rightarrow \div 12 \\ \rightarrow \div 12 \end{matrix} = \frac{4}{29}$$

$$4. \frac{260}{350} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{26}{35}$$

$$14. \frac{217}{560} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{31}{80}$$

$$24. \frac{632}{656} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{79}{82}$$

$$34. \frac{56}{63} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{8}{9}$$

$$5. \frac{198}{423} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{22}{47}$$

$$15. \frac{150}{450} \begin{matrix} \rightarrow \div 150 \\ \rightarrow \div 150 \end{matrix} = \frac{1}{3}$$

$$25. \frac{318}{582} \begin{matrix} \rightarrow \div 6 \\ \rightarrow \div 6 \end{matrix} = \frac{53}{97}$$

$$35. \frac{217}{413} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{31}{59}$$

$$6. \frac{70}{680} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{7}{68}$$

$$16. \frac{276}{372} \begin{matrix} \rightarrow \div 12 \\ \rightarrow \div 12 \end{matrix} = \frac{23}{31}$$

$$26. \frac{126}{396} \begin{matrix} \rightarrow \div 18 \\ \rightarrow \div 18 \end{matrix} = \frac{7}{22}$$

$$36. \frac{25}{410} \begin{matrix} \rightarrow \div 5 \\ \rightarrow \div 5 \end{matrix} = \frac{5}{82}$$

$$7. \frac{68}{112} \begin{matrix} \rightarrow \div 4 \\ \rightarrow \div 4 \end{matrix} = \frac{17}{28}$$

$$17. \frac{304}{344} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{38}{43}$$

$$27. \frac{126}{594} \begin{matrix} \rightarrow \div 18 \\ \rightarrow \div 18 \end{matrix} = \frac{7}{33}$$

$$37. \frac{40}{170} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{4}{17}$$

$$8. \frac{6}{42} \begin{matrix} \rightarrow \div 6 \\ \rightarrow \div 6 \end{matrix} = \frac{1}{7}$$

$$18. \frac{330}{462} \begin{matrix} \rightarrow \div 66 \\ \rightarrow \div 66 \end{matrix} = \frac{5}{7}$$

$$28. \frac{90}{100} \begin{matrix} \rightarrow \div 10 \\ \rightarrow \div 10 \end{matrix} = \frac{9}{10}$$

$$38. \frac{783}{882} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{87}{98}$$

$$9. \frac{513}{549} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{57}{61}$$

$$19. \frac{648}{784} \begin{matrix} \rightarrow \div 8 \\ \rightarrow \div 8 \end{matrix} = \frac{81}{98}$$

$$29. \frac{132}{312} \begin{matrix} \rightarrow \div 12 \\ \rightarrow \div 12 \end{matrix} = \frac{11}{26}$$

$$39. \frac{783}{819} \begin{matrix} \rightarrow \div 9 \\ \rightarrow \div 9 \end{matrix} = \frac{87}{91}$$

$$10. \frac{217}{644} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{31}{92}$$

$$20. \frac{196}{287} \begin{matrix} \rightarrow \div 7 \\ \rightarrow \div 7 \end{matrix} = \frac{28}{41}$$

$$30. \frac{153}{306} \begin{matrix} \rightarrow \div 153 \\ \rightarrow \div 153 \end{matrix} = \frac{1}{2}$$

$$40. \frac{42}{308} \begin{matrix} \rightarrow \div 14 \\ \rightarrow \div 14 \end{matrix} = \frac{3}{22}$$