

# 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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