

NAME: \_\_\_\_\_

# Simplifying Fractions Worksheet



Simplify the given fractions.

①  $\frac{8}{24} =$

⑥  $\frac{78}{14} =$

⑪  $\frac{9}{27} =$

②  $\frac{33}{45} =$

⑦  $\frac{120}{190} =$

⑫  $\frac{51}{27} =$

③  $\frac{28}{12} =$

⑧  $\frac{14}{49} =$

⑬  $\frac{35}{20} =$

④  $\frac{88}{33} =$

⑨  $\frac{32}{10} =$

⑭  $\frac{18}{63} =$

⑤  $\frac{21}{35} =$

⑩  $\frac{40}{48} =$

⑮  $\frac{4}{18} =$

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## Answers

$$\textcircled{1} \frac{8}{24} = \frac{1}{3} \quad \textcircled{6} \frac{78}{14} = \frac{39}{7} \quad \textcircled{11} \frac{9}{27} = \frac{1}{3}$$

$$\textcircled{2} \frac{33}{45} = \frac{11}{15} \quad \textcircled{7} \frac{120}{190} = \frac{12}{19} \quad \textcircled{12} \frac{51}{27} = \frac{17}{9}$$

$$\textcircled{3} \frac{28}{12} = \frac{7}{3} \quad \textcircled{8} \frac{14}{49} = \frac{2}{7} \quad \textcircled{13} \frac{35}{20} = \frac{7}{4}$$

$$\textcircled{4} \frac{88}{33} = \frac{8}{3} \quad \textcircled{9} \frac{32}{10} = \frac{16}{5} \quad \textcircled{14} \frac{18}{63} = \frac{2}{7}$$

$$\textcircled{5} \frac{21}{35} = \frac{3}{5} \quad \textcircled{10} \frac{40}{48} = \frac{5}{6} \quad \textcircled{15} \frac{4}{18} = \frac{2}{9}$$