



EQUIVALENT FRACTIONS SHEET 5

Some of these fractions are improper fractions - can you spot them?

An improper fraction is where the numerator is greater than the denominator.

$$1) \frac{3}{3} = \frac{\quad}{9} \quad 2) \frac{2}{8} = \frac{\quad}{32} \quad 3) \frac{4}{7} = \frac{\quad}{28} \quad 4) \frac{4}{9} = \frac{\quad}{45}$$

$$5) \frac{3}{4} = \frac{\quad}{36} \quad 6) \frac{1}{8} = \frac{\quad}{48} \quad 7) \frac{2}{9} = \frac{12}{\quad} \quad 8) \frac{3}{10} = \frac{21}{\quad}$$

$$9) \frac{4}{3} = \frac{\quad}{18} \quad 10) \frac{2}{6} = \frac{\quad}{60} \quad 11) \frac{6}{5} = \frac{18}{\quad} \quad 12) \frac{4}{7} = \frac{24}{\quad}$$

$$13) \frac{5}{12} = \frac{\quad}{60} \quad 14) \frac{7}{11} = \frac{28}{\quad} \quad 15) \frac{5}{4} = \frac{35}{\quad} \quad 16) \frac{11}{12} = \frac{\quad}{72}$$

$$17) \frac{4}{9} = \frac{\quad}{81} \quad 18) \frac{9}{10} = \frac{54}{\quad} \quad 19) \frac{4}{13} = \frac{\quad}{52} \quad 20) \frac{8}{3} = \frac{24}{\quad}$$

$$21) \frac{3}{10} = \frac{\quad}{60} \quad 22) \frac{5}{2} = \frac{\quad}{12} \quad 23) \frac{9}{12} = \frac{3}{\quad} \quad 24) \frac{5}{\quad} = \frac{30}{54}$$

Use your equivalent fraction knowledge and the $>$, $<$ and $=$ symbols to show which fraction is greater.

$$25) \frac{3}{7} \square \frac{10}{14} \quad 26) \frac{2}{3} \square \frac{8}{15} \quad 27) \frac{1}{2} \square \frac{12}{20} \quad 28) \frac{4}{5} \square \frac{16}{20}$$

$$29) \frac{3}{7} \square \frac{5}{14} \quad 30) \frac{4}{9} \square \frac{8}{18} \quad 31) \frac{1}{6} \square \frac{3}{24} \quad 32) \frac{2}{3} \square \frac{7}{9}$$



Name

Date



EQUIVALENT FRACTIONS SHEET 5 ANSWERS

$$1) \frac{3}{3} = \frac{9}{9} \quad 2) \frac{2}{8} = \frac{8}{32} \quad 3) \frac{4}{7} = \frac{16}{28} \quad 4) \frac{4}{9} = \frac{20}{45}$$

$$5) \frac{3}{4} = \frac{27}{36} \quad 6) \frac{1}{8} = \frac{6}{48} \quad 7) \frac{2}{9} = \frac{12}{54} \quad 8) \frac{3}{10} = \frac{21}{70}$$

$$9) \frac{4}{3} = \frac{24}{18} \quad 10) \frac{2}{6} = \frac{20}{60} \quad 11) \frac{6}{5} = \frac{18}{15} \quad 12) \frac{4}{7} = \frac{24}{42}$$

$$13) \frac{5}{12} = \frac{25}{60} \quad 14) \frac{7}{11} = \frac{28}{44} \quad 15) \frac{5}{4} = \frac{35}{28} \quad 16) \frac{11}{12} = \frac{66}{72}$$

$$17) \frac{4}{9} = \frac{36}{81} \quad 18) \frac{9}{10} = \frac{54}{60} \quad 19) \frac{4}{13} = \frac{16}{52} \quad 20) \frac{8}{3} = \frac{24}{9}$$

$$21) \frac{3}{10} = \frac{18}{60} \quad 22) \frac{5}{2} = \frac{30}{12} \quad 23) \frac{9}{12} = \frac{3}{4} \quad 24) \frac{5}{9} = \frac{30}{54}$$

$$25) \frac{3}{7} \boxed{<} \frac{10}{14} \quad 26) \frac{2}{3} \boxed{>} \frac{8}{15} \quad 27) \frac{1}{2} \boxed{<} \frac{12}{20} \quad 28) \frac{4}{5} \boxed{=} \frac{16}{20}$$

$$29) \frac{3}{7} \boxed{>} \frac{5}{14} \quad 30) \frac{4}{9} \boxed{=} \frac{8}{18} \quad 31) \frac{1}{6} \boxed{>} \frac{3}{24} \quad 32) \frac{2}{3} \boxed{<} \frac{7}{9}$$

