Simplifying Improper Fractions (E)

Name: _____ Date: _____ Score: _____

Simplify each fraction to its lowest terms; then change the fraction to a mixed number.

1. $\frac{45}{25} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
2. $\frac{56}{21} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
3. $\frac{40}{28} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
4. $\frac{22}{10} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
5. $\frac{22}{14} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
6. $\frac{34}{12} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
7. $\frac{55}{30} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
8. $\frac{21}{18} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
9. $\frac{49}{28} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
10. $\frac{24}{20} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
11. $\frac{144}{56} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
12. $\frac{84}{32} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
13. $\frac{153}{72} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
14. $\frac{33}{12} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
15. $\frac{35}{15} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
16. $\frac{88}{72} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
17. $\frac{24}{9} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
18. $\frac{54}{24} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
19. $\frac{84}{54} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$
20. $\frac{207}{72} = \frac{\quad}{\quad} = \quad\frac{\quad}{\quad}$

Simplifying Improper Fractions (E) Answers

Name: _____ Date: _____ Score: _____

Simplify each fraction to its lowest terms; then change the fraction to a mixed number.

1. $\frac{45}{25} \overset{\div 5}{=} \frac{9}{5} = 1\frac{4}{5}$

2. $\frac{56}{21} \overset{\div 7}{=} \frac{8}{3} = 2\frac{2}{3}$

3. $\frac{40}{28} \overset{\div 4}{=} \frac{10}{7} = 1\frac{3}{7}$

4. $\frac{22}{10} \overset{\div 2}{=} \frac{11}{5} = 2\frac{1}{5}$

5. $\frac{22}{14} \overset{\div 2}{=} \frac{11}{7} = 1\frac{4}{7}$

6. $\frac{34}{12} \overset{\div 2}{=} \frac{17}{6} = 2\frac{5}{6}$

7. $\frac{55}{30} \overset{\div 5}{=} \frac{11}{6} = 1\frac{5}{6}$

8. $\frac{21}{18} \overset{\div 3}{=} \frac{7}{6} = 1\frac{1}{6}$

9. $\frac{49}{28} \overset{\div 7}{=} \frac{7}{4} = 1\frac{3}{4}$

10. $\frac{24}{20} \overset{\div 4}{=} \frac{6}{5} = 1\frac{1}{5}$

11. $\frac{144}{56} \overset{\div 8}{=} \frac{18}{7} = 2\frac{4}{7}$

12. $\frac{84}{32} \overset{\div 4}{=} \frac{21}{8} = 2\frac{5}{8}$

13. $\frac{153}{72} \overset{\div 9}{=} \frac{17}{8} = 2\frac{1}{8}$

14. $\frac{33}{12} \overset{\div 3}{=} \frac{11}{4} = 2\frac{3}{4}$

15. $\frac{35}{15} \overset{\div 5}{=} \frac{7}{3} = 2\frac{1}{3}$

16. $\frac{88}{72} \overset{\div 8}{=} \frac{11}{9} = 1\frac{2}{9}$

17. $\frac{24}{9} \overset{\div 3}{=} \frac{8}{3} = 2\frac{2}{3}$

18. $\frac{54}{24} \overset{\div 6}{=} \frac{9}{4} = 2\frac{1}{4}$

19. $\frac{84}{54} \overset{\div 6}{=} \frac{14}{9} = 1\frac{5}{9}$

20. $\frac{207}{72} \overset{\div 9}{=} \frac{23}{8} = 2\frac{7}{8}$