

Assignment #3: Problems 2-40, evens

Mixed Numbers and Improper Fractions

Name _____

Date _____

Rename $2\frac{1}{4}$ as an improper fraction.

$$2\frac{1}{4} = \frac{(4 \times 2) + 1}{4} = \frac{9}{4}$$

Rename $\frac{30}{8}$ as a mixed number.

$$\begin{array}{r} \frac{30}{8} = 8 \overline{)30} \\ \frac{30}{8} = 3\frac{6}{8} \\ = 3\frac{3}{4} \end{array}$$

Write the word name for each mixed number.

1. $4\frac{2}{3}$ _____
2. $1\frac{1}{2}$ _____
3. $38\frac{5}{12}$ _____
4. $16\frac{7}{10}$ _____

Write as a mixed number.

5. two and four fifths _____
6. six and nine tenths _____
7. three and nine twentieths _____
8. eleven and eight fifteenths _____

Express each as an improper fraction.

9. $1\frac{5}{8}$ _____
10. $2\frac{5}{6}$ _____
11. $3\frac{1}{2}$ _____
12. $5\frac{1}{3}$ _____
13. $7\frac{3}{4}$ _____
14. $1\frac{5}{7}$ _____
15. $10\frac{1}{8}$ _____
16. $2\frac{2}{5}$ _____
17. $3\frac{1}{6}$ _____
18. $9\frac{3}{10}$ _____
19. $4\frac{3}{4}$ _____
20. $11\frac{7}{8}$ _____
21. $1\frac{2}{9}$ _____
22. $10\frac{3}{4}$ _____
23. $8\frac{3}{5}$ _____
24. $3\frac{5}{12}$ _____

Express each as a whole number or a mixed number in simplest form.

25. $\frac{7}{4}$ _____
26. $\frac{9}{8}$ _____
27. $\frac{12}{6}$ _____
28. $\frac{25}{10}$ _____
29. $\frac{26}{5}$ _____
30. $\frac{84}{7}$ _____
31. $\frac{9}{2}$ _____
32. $\frac{4}{3}$ _____
33. $\frac{7}{2}$ _____
34. $\frac{48}{5}$ _____
35. $\frac{32}{9}$ _____
36. $\frac{64}{10}$ _____
37. $\frac{22}{4}$ _____
38. $\frac{66}{8}$ _____
39. $\frac{39}{3}$ _____
40. $\frac{72}{10}$ _____