

**LESSON 4-6 Practice B**  
**Mixed Numbers and Improper Fractions**

Write each mixed number as an improper fraction.

1.  $3\frac{1}{2}$

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2.  $2\frac{1}{3}$

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3.  $5\frac{1}{4}$

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4.  $1\frac{3}{7}$

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5.  $3\frac{3}{4}$

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6.  $4\frac{1}{3}$

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7.  $2\frac{3}{5}$

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8.  $3\frac{5}{6}$

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9.  $7\frac{1}{3}$

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Write each improper fraction as a mixed number or whole number. Tell whether your answer is a mixed number or whole number.

10.  $\frac{17}{3}$

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11.  $\frac{40}{8}$

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12.  $\frac{48}{7}$

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13.  $\frac{33}{10}$

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14.  $\frac{50}{8}$

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15.  $\frac{83}{9}$

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16.  $\frac{104}{8}$

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17.  $\frac{121}{6}$

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18.  $\frac{78}{11}$

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19. The hotel ordered an extra-long rug for a hallway that is  $\frac{123}{2}$  feet long. What is the rug's length in feet and inches? Remember, 1 foot = 12 inches.

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20. During this year's football-throwing contest, John threw the ball  $49\frac{2}{3}$  feet. Sharon threw the ball 51 feet. Who threw the ball  $\frac{153}{3}$  feet?

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**LESSON**  
**4-6 Practice C**  
**Mixed Numbers and Improper Fractions**

Write each mixed number as an improper fraction.

1.  $2\frac{2}{5}$   
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2.  $1\frac{5}{10}$   
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3.  $6\frac{3}{4}$   
\_\_\_\_\_

4.  $2\frac{5}{9}$   
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5.  $14\frac{2}{3}$   
\_\_\_\_\_

6.  $2\frac{9}{11}$   
\_\_\_\_\_

Write each improper fraction as a mixed number or whole number. Tell whether your answer is a mixed number or whole number.

7.  $\frac{161}{7}$   
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8.  $\frac{73}{4}$   
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9.  $\frac{52}{9}$   
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10.  $\frac{225}{9}$   
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11.  $\frac{234}{11}$   
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12.  $\frac{127}{12}$   
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Replace each shape with a number that will make the equation correct.

13.  $\blacktriangle\frac{2}{7} = \frac{93}{\blacklozenge}$   
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14.  $\blacktriangle\frac{3}{8} = \frac{67}{\blacklozenge}$   
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15.  $\blacktriangle\frac{4}{5} = \frac{64}{\blacklozenge}$   
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16.  $43\blacktriangle\frac{1}{15} = \frac{647}{\blacklozenge}$   
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17.  $13\blacktriangle\frac{1}{9} = \frac{124}{\blacklozenge}$   
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18.  $14\blacktriangle\frac{1}{8} = \frac{113}{\blacklozenge}$   
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19. Amy made a video that is 5,400 seconds long. What is the video's running time in hours and minutes?  
\_\_\_\_\_20. Justin accidentally erased the numerator of the fraction part of a mixed number. He knows that its whole number part is 45 and the denominator of the fraction part is 9. He also knows that when the mixed number is written as an improper fraction, its numerator is 412. What is the numerator that Justin erased?  
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