LESSON
8.2

NAME ———————————————————— DATE ——————

WARM-UP EXERCISES

For use before Lesson 8.2, pages 465–471

Solve each proportion.

1. $\dfrac{x}{4} = \dfrac{5}{8}$

2. $\dfrac{10}{9} = \dfrac{25}{x}$

3. $\dfrac{2}{y + 1} = \dfrac{6}{y}$

4. $\dfrac{x - 2}{5} = \dfrac{x + 4}{35}$

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DAILY HOMEWORK QUIZ

For use after Lesson 8.1, pages 457–464

1. The perimeter of a living room is 64 ft. The ratio of width to length is 3:5. What are the dimensions of the living room?

2. The measures of the angles of a triangle are in the extended ratio of 1:3:5. Find the measures of the angles.

Solve the proportion.

3. $\dfrac{a}{8} = \dfrac{6}{20}$

4. $\dfrac{10}{x + 6} = \dfrac{2}{x}$