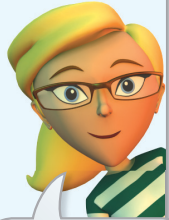


7-1 Solve It!



SOLVE IT!

Getting Ready!

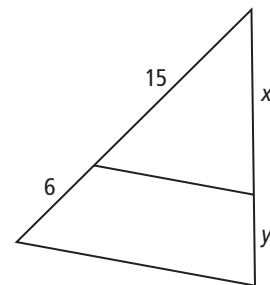
The table at the right gives the wins and losses of a baseball team. In which year(s) did the team have the best record? Explain.

Year	Wins	Losses
1890	60	24
1930	110	44
1970	110	52
2010	108	54

The year the team had the most wins is not necessarily the year in which it had the best record.

7-1 Lesson Quiz

- 1. Do you UNDERSTAND?** Jessica is making a scale model of the Empire State Building. Her model will have a height of 16 cm. The actual height of the building is about 448 m. What is the ratio of the height of Jessica's model to the height of the building?
- 2.** The measures of two supplementary angles are in the ratio 4 : 5. What are the measures of the angles?
- 3.** In the diagram, $\frac{x}{15} = \frac{y}{6}$. What ratio completes the equivalent proportion $\frac{x}{y} = \frac{\square}{\square}$? Use one of the Properties of Proportions to justify your answer.



Answers

Solve It!

1890 and 1930; explanations may vary. Sample: In both years the team won $\frac{5}{7}$ or about 71.4% of the games they played.

Lesson Quiz

- 1.** 1 : 2800
- 2.** 80, 100
- 3.** $\frac{x}{y} = \frac{15}{6}$