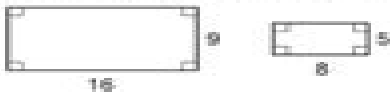
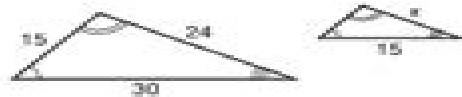


Write the letter for the correct answer in the blank at the right of each question.

- Express 4 inches:32 inches in simplest form.
 A. 8:1 B. 1:8 C. 2:16 D. 16:1 1. _____
- Express 18 blue-eyed students to 20 brown-eyed students in simplest form.
 F. 3 to 4 G. 9 to 10 H. 4 to 5 J. 90 to 100 2. _____
- Express 150 tickets for 30 students as a unit rate.
 A. 5 tickets per student C. 150 tickets per student
 B. $\frac{1}{5}$ ticket per student D. $\frac{1}{30}$ ticket per student 3. _____
- Cassie earns \$11 per dog to walk them each day. Is the amount of money she earns proportional to the number of dogs she walks?
 F. The amount of money she earns is proportional to the number of dogs she walks.
 G. The distance she walks is proportional to the number of dogs she walks.
 H. not proportional
 J. cannot be determined 4. _____
- Which pair of ratios form a proportion?
 A. $\frac{21}{15}, \frac{7}{5}$ B. $\frac{9}{10}, \frac{10}{11}$ C. $\frac{5}{6}, \frac{2}{3}$ D. $\frac{4}{17}, \frac{17}{20}$ 5. _____
- Solve $\frac{2}{9} = \frac{6}{36}$.
 F. 8 G. 4 H. 2 J. 7 6. _____
- Solve $\frac{5}{6} = \frac{11}{d}$.
 A. $8\frac{1}{3}$ B. 12 C. 13.2 D. $\frac{5}{66}$ 7. _____
- Which pair of polygons is similar?
 F.  H.  8. _____
 G.  J.  9. _____
- The triangles shown are similar. Find the missing measure.
 A. 18.75 C. 48
 B. 7.5 D. 12  9. _____

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