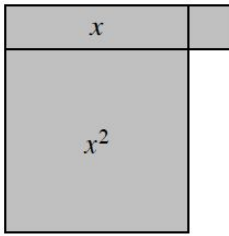
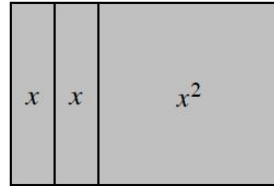


Lesson 4.3.2 Homework

4-93. Then find the perimeter of each shape.

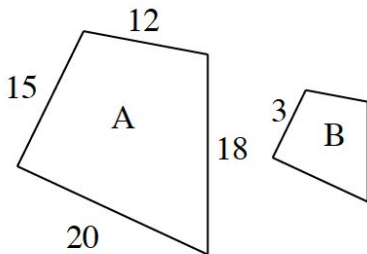


a.



b.

4-94. Figures A and B below are similar. Assuming that figure A is the original figure, find the scale factor and find the lengths of the missing sides of figure B.



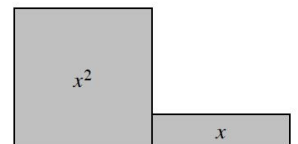
4-95. What fraction of one hour (60 minutes) is represented by the following numbers of minutes? Simplify each fraction whenever possible. A sketch of a clock might help you.

- 10 minutes
- 15 minutes
- 30 minutes
- 20 minutes

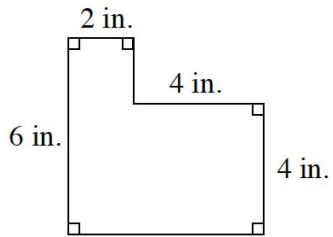
4-96. Rainer bought 1.43 pounds of lunch meat at the store for \$10.98. What was the unit rate (price) of the lunch meat?

4-98. Complete the following::

- Write an expression for the area of the shape.
- Write and simplify an expression for the perimeter of the shape.
- Calculate the area and perimeter of the shape for each value of x .
- $x = 7$
- $x = 2.5$



4-99. Find the perimeter of the figure below.



4-100. Multiply $\frac{4}{5} \cdot \frac{1}{3}$. You may want to show your thinking with a diagram.

4-101. Simplify each expression.

a. $-2 + 5$

b. $(-4) \cdot (6)$

c. $4 - (-3)$

d. $10 + (-2) - 7$

e. $-5 - 3(2 - 6)$

f. $(3 - 3)(10^2 - 11)$

4-102. Complete the portions web below by including a picture, decimal, and percent representation of $\frac{9}{20}$.

