

Name: _____

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Class: _____

Date: _____

1) Suppose that you can buy 8 apples for \$3. How much would it cost to buy 28 apples? Let c be the cost of the 28 apples.

2) A 20 ounce bag of popcorn costs \$2.80. If The unit price stays the same, how much does a 35 ounce of popcorn cost?

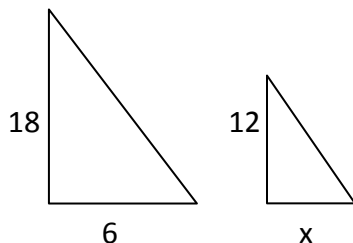
3) A map has a scale of 1 inch for every 14 miles. If the distance of a trip is measured on the map by a ruler as 4.75 inches, how may miles would the trip be in miles?

4) A map is drawn using scale of 200 mi to 1 cm. The distance between two cities is 1,300 mi. How far apart are the cities on the map?

5) A worker earns \$100 every 9 hours. How much would the worker earn in 42 hours?

6) At a certain time of day, the shadow of 5 ft. boy is 11 ft. long. At that same time, the shadow of a tree is 32 ft. long. How tall is the tree?

7) Use a proportion to solve for x .



8) Use a proportion to solve for x .

