

Name : _____

Ratio - Mixed Word Problems

Sheet 1

- 1) A truck carries apples, grapes, and blackberries in the ratio of 4 : 3 : 4. If the apples weigh 160 pounds, how much does the truckload of fruit weigh in total?

- 2) The ratio of lemon to water in 80 fluid ounces of lemonade is 3 : 1. The lemonade was diluted further. If the new ratio was 3 : 2, how much water was added to dilute the lemonade?

- 3) The first angle in a triangle is two times the second angle. The second angle is one-third of the third angle. The second angle is 40 degrees. Find the first and third angles in the triangle.

- 4) The scale of a map between two cities measures 3 cm on the ground. The scale of a map between two cities measures 3 cm on the ground. The scale of a map between two cities measures 3 cm on the ground.

- 5) A sum of \$ 2,700 is shared among Eric, Jo and Richard. Jo's share is two times that of Richard's share. Eric's share is three times that of Jo's share. Find Eric's share.

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