Gr. 7 – Solving Proportions – Applications -- Notes

![MCj02902410000[1]]()1. Zachary and Henry *love* to buy doughnuts at the Wildcat Doughnuts early in the morning when the doughnuts are still warm. Yesterday morning they bought a dozen doughnuts for $7.20. At this rate, how much would Nick pay for 5 doughnuts?

$

 d-nut

2. DJ bought ½ dozen doughnuts at the Shipley’s for $3.90. At this rate, how much would Kristen pay for 8 doughnuts?

$

 d-nut

3. Mrs. Lafayette paid $65.80 for 20 gallons of gasoline at Valero. At this rate, how much would Mrs. Lamb pay for 7 gallons?

$

 gal

 Gr. 7 – Solving Proportions – Applications – Exercise A

 1. Jake ran 40 yards in 6 sec. At this rate, how long would it

 take him to run 100 yards?

yd

 sec

 2. For Halloween the M&M company decided to add a Purple

 Passion M&M to their usual orange & black Halloween mix.

 This shade of purple is created by mixing 12 ounces of blue

 dye and 16 ounces of red dye. At this rate, how many

 ounces of blue dye should be mixed with 1 gallon of red dye?

blue

red

 3. Mrs. Amrich’s car used 7 gallons to travel 168 miles. At

 this rate, how many miles can Mrs. Amrich travel in her car

 on 12 gallons of gasoline?

mi

 gal