Gr. 7 - Unit Costs & Unit Rates Extensions: Notes & Guided Practice

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.

➀ At this rate, how much would Nick pay for 5 doughnuts?

$

d-nut

➁ DJ bought ½ dozen doughnuts at the Shipley’s for $3.90. Which bakery has the better buy? Prove it.

$

d-nut

2. Mrs. Lafayette paid $65.80 for 20 gallons of gasoline at Valero. Mrs. Yaklin paid $49.80 for 15 gallons of gasoline at Texaco. Which station has the better buy for gasoline?

3. Jake ran 34 yards in 5 sec. Mike ran 50 yards in 8 sec. Who

has a faster unit rate?

yd

sec

yd

sec

4. 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 36 ounces of blue dye and 24 ounces of red dye. At this rate, how many ounces of blue dye should be mixed with 1 quart of red dye?

blue

red

5. 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 12.5 gallons of gasoline?

$

gal

$

gal

$

gal