

Name : _____

Comparing Unit Rates

Sheet 1

- 1) Jack's and Mo's orchards had a harvest of 450 lb and 1,215 lb of oranges respectively. If Jack had 6 orange trees and Mo had 15 orange trees, whose orchard acquired the higher yield per tree?

- 2) Zoe visits a departmental store to pick a can of salted mixed nuts. A 15.25 oz can of mixed nuts is priced at \$7.93 and the offer on a 25 oz can is \$11.75. Assist Zoe pick up the better deal.

- 3) Kathleen, a florist, designs 5 bridesmaid bouquets with 95 rose stems. She also creates 3 bouquets with 63 tulips for the flowergirls. Which type of bouquet was designed with lesser number of flowers?

- 4) Andre, Rick, and Ty were practicing for a track cycling race. Andre covered a distance of 750 m in 3 minutes. Rick clocked 4 minutes for a distance of 800 m. Ty raced 950 m in 5 minutes. Who covered the least distance per minute?

- 5) Sam visits 3 stores to find the best deal for a pair of jeans. Store A offers a discounted price of \$120 for 4 pairs of jeans. Two pairs of jeans sell for \$100 at Store B. Store C offers 3 pairs of jeans at \$99. Which store offers the best deal?

Name : _____

Answer key

Sheet 1

Comparing Unit Rates

- 1) Jack's and Mo's orchards had a harvest of 450 lb and 1,215 lb of oranges respectively. If Jack had 6 orange trees and Mo had 15 orange trees, whose orchard acquired the higher yield per tree?

Jack's orchard: 75 lb of oranges/tree ; Mo's orchard: 81 lb of oranges/tree
Mo's orchard acquired the higher yield of oranges per tree.

- 2) Zoe visits a departmental store to pick a can of salted mixed nuts. A 15.25 oz can of mixed nuts is priced at \$7.93 and the offer on a 25 oz can is \$11.75. Assist Zoe pick up the better deal.

15.25 oz can: \$0.52/oz ; 25 oz can: \$0.47/oz
The 25 oz can of salted mixed nuts makes a better deal.

- 3) Kathleen, a florist, designs 5 bridesmaid bouquets with 95 rose stems. She also creates 3 bouquets with 63 tulips for the flowergirls. Which type of bouquet was designed with lesser number of flowers?

Bridesmaid bouquets: 19 rose stems/bouquet ; Flowergirl bouquets: 21 tulips/bouquet
The bridesmaid bouquets contained lesser flowers.

- 4) Andre, Rick, and Ty were practicing for a track cycling race. Andre covered a distance of 750 m in 3 minutes. Rick clocked 4 minutes for a distance of 800 m. Ty raced 950 m in 5 minutes. Who covered the least distance per minute?

Andre: 250 m/minute ; Rick: 200 m/minute ; Ty: 190 m/minute
Ty clocked the least distance per minute.

- 5) Sam visits 3 stores to find the best deal for a pair of jeans. Store A offers a discounted price of \$120 for 4 pairs of jeans. Two pairs of jeans sell for \$100 at Store B. Store C offers 3 pairs of jeans at \$99. Which store offers the best deal?

Store A: \$30/pair of jeans ; Store B: \$50/pair of jeans ; Store C: \$33/pair of jeans
Store A offers the best deal.
