

Name:

Period:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Part 2-4 Classwork

Calculators OK

Solve for x .

Question 01

Water is being pumped to fill a pool at a constant rate. After 7 minutes, 12 gallons were pumped into the pool. How long will it take for 30 gallons to be pumped into the pool?

Question 02

A car is moving at a constant rate on the highway. The car traveled 8 miles in 5 minutes. How far will the car have traveled after 17.5 minutes?

Question 03

A store sells apples at a constant price per pound. A customer bought 2.5 pounds of apples for \$3. How many pounds of apples could you buy for \$6?

Question 04

A store sells oranges at a constant price per pound. A customer bought 4 pounds of oranges for \$7. How much would 5 pounds of oranges cost?

Question 05

A work crew is paving a stretch of road at a constant rate. 12 miles were paved in 3 hours. How many miles will be paved in 4.5 hours?

Question 06

A van is moving at a constant rate on the highway. The van traveled 5 miles in 4 minutes. How long will it take for the van to travel 22.5 miles?

Question 07

A store sells mangos at a constant price per pound. A customer bought 2 pounds of mangos for \$5. How much would 4.5 pounds of mangos cost?