

Decimals word problems

Grade 5 Word Problems Worksheet

1. Farmer Alex lives 0.35 km away from the farm. His co-worker Jordan lives $\frac{39}{100}$ km away from the same farm. Whose house is farther from the farm? By what distance?

2. The owner of the farm has 5.6 acres of land planted with banana trees, 4.35 acres of land for tomato plants and the rest is still unoccupied. If he owns a total of 12.56 acres of land, how large is the unoccupied piece of land does he has?

3. Johnny was paid \$5.60 for a job he did on the farm for 1 hour. At the same rate, how much would he be paid if he did the same job for 3.5 hours?



Answers

- $\frac{39}{100} = 0.39$
 $0.39 > 0.35$
 $0.39 - 0.35 = 0.04$
Jordan lives 0.04 km farther from the farm than Alex.
- $12.56 - 5.6 - 4.35 = 2.61$
There are 2.61 acres of land unoccupied.
- $5.6 \times 3.5 = 19.6$
He would be paid \$19.60 for 3.5 hours.
- $40 \times 20.2 = 808$
There were 808 mangoes harvested.
 $20.2 \times 61.50 = \$1,242.30$
The total cost of the baskets of mangoes was \$ 1,242.30.
- $2.5 \times 2.20 = 5.5$
 $4.5 \times 1.80 = 8.10$
 $15 - (5.5 + 8.1) = 15 - 13.60 = 1.40$
He will receive \$1.40 in change.
- $167.45 - (23.67 + 67.12 + 12.38 + 36.74) = 167.45 - 139.91 = 27.54$
There were 27.54 kgs of fruit left.