Writing and comparing fractions

Grade 4 Word Problems Worksheet

In a parking lot, there are 60 vehicles parked. There are 2 busses, 12 pickup trucks, 24 motorcycles, 13 vans and the rest are sedans.

Among the vehicles, $\frac{7}{20}$ are red, while $\frac{2}{5}$ are white. $\frac{1}{4}$ of the vehicles are new.

1.   What fraction of the vehicles are busses?

2.   What fraction of the vehicles are motorcycles?

3.   What fraction of the vehicles are not pickup truck?

4.   In the parking lot, are there more new vehicles or old vehicles?

5.   Are there more red vehicles or white vehicles?

6.   If 5 motorcycles and 5 vans left the parking lot, what would be the fraction of the sedans?

Answers

1. $\frac{2}{60} \left(or\, \frac{1}{30} \right)$

2. $\frac{24}{60} \left(or\, \frac{2}{5} \right)$

3. $\frac{48}{60} \left(or\, \frac{4}{5} \right)$

4. Since $\frac{1}{4}$ of the vehicles are new, then $\frac{3}{4}$ are old vehicles.

    $\frac{1}{4} < \frac{3}{4}$, So, there are more old vehicles.

5. Red: $\frac{7}{20}$; White: $\frac{2}{5} = \frac{8}{20}$

    $\frac{7}{20} < \frac{8}{20}$, There are more white vehicles than red vehicles.

6. $\frac{9}{50}$ of the remaining vehicles would be sedans.