

Name _____

The iPhone Fraction Word Problems Answer Key

1. The amount of storage used for apps is $(1/4) \times 64 \text{ GB} = 16 \text{ GB}$.
2. The amount of time spent on social media apps is $(3/5) \times 4 \text{ hours} = 2.4 \text{ hours}$. Since we can't have fractional hours, the user spends 2 hours on social media apps.
3. The amount of time used for screen time is $(2/3) \times 12 \text{ hours} = 8 \text{ hours}$.
4. The number of photos that can be stored is $(7/8) \times 1000 \text{ photos} = 875 \text{ photos}$.
5. The fraction of successful attempts is $95\% - 20\% = 75\%$.
6. The number of songs that can be stored is $(7/10) \times 5000 \text{ songs} = 3500 \text{ songs}$.
7. The amount of memory used for system files is $(1/2) \times 256 \text{ GB} = 128 \text{ GB}$.
8. The number of game apps is $(2/5) \times 50 \text{ apps} = 20 \text{ apps}$.
9. The visible screen size is $(3/4) \times 6.1 \text{ inches} = 4.575 \text{ inches}$. Rounded to the nearest tenth, the visible screen size is 4.6 inches.
10. The number of updates that introduce new features is $(1/3) \times 6 \text{ updates} = 2 \text{ updates}$.