



**Solve each problem.**

**Answers**

- 1) A bakery used 8 cups of flour to make a full size cake. If they wanted to make a cake that was  $\frac{2}{3}$  the size, how many cups of flour would they need?
- 2) A chef cooked 3 kilograms of mashed potatoes for a dinner party. If the guests only ate  $\frac{2}{3}$  of the amount he cooked, how much did they eat?
- 3) A farmer gives each of his horses  $\frac{1}{4}$  of a salt lick a month. If he has 7 horses, how many salt licks does he use a month?
- 4) A group of 4 friends each received  $\frac{2}{3}$  of a pound of candy. How much candy did they receive total?
- 5) Each day a company used  $\frac{7}{8}$  of a box of paper. How many boxes would they have used after 6 days?
- 6) Janet collected 4 times as many bags of cans as her friend. If her friend collected  $\frac{4}{5}$  of a bag. How many bags did Janet collect?
- 7) Frank lived 8 miles from his school. If he rode his bike  $\frac{1}{3}$  of the distance and then walked the rest, how far did he ride his bike?
- 8) A pitcher could hold  $\frac{5}{8}$  of a gallon of water. If Jerry filled up 7 pitchers, how much water would he have?
- 9) Gwen needed  $\frac{2}{3}$  of a cup of water for 1 flower. If she had 9 flowers how many cups would she need?
- 10) Carol was packing up some of her old stuff into a box. A box can hold 3 pounds, but she only filled it up  $\frac{9}{10}$  full. How much weight was in the box?
- 11) It takes  $\frac{2}{4}$  of a box of nails to build a bird house. If you wanted to build 3 bird houses, how many boxes would you need?
- 12) When Faye's 3DS is fully charged it lasts for 3 hours. If she only charged it  $\frac{2}{12}$  full, how long would it last?

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**Answers**

1. 5 $\frac{1}{3}$
2. 2 $\frac{0}{3}$
3. 1 $\frac{3}{4}$
4. 2 $\frac{2}{3}$
5. 5 $\frac{2}{8}$
6. 3 $\frac{1}{5}$
7. 2 $\frac{2}{3}$
8. 4 $\frac{3}{8}$
9. 6 $\frac{0}{3}$
10. 2 $\frac{7}{10}$
11. 1 $\frac{2}{4}$
12. 6 $\frac{0}{12}$



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**Answers**

$1\frac{3}{4}$

$6\frac{0}{3}$

$4\frac{3}{8}$

$2\frac{0}{3}$

$2\frac{2}{3}$

$3\frac{1}{5}$

$5\frac{1}{3}$

$2\frac{2}{3}$

$5\frac{2}{8}$

$2\frac{7}{10}$

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