



Solve each problem.

**Answers**

- 1) Henry ran 9 miles on his first day of training. The next day he ran  $\frac{3}{8}$  that distance. How far did he run the second day?
- 2) Ned's hair was originally 2 inches long. He asked her hair dresser to cut  $\frac{4}{8}$  of it off. How many inches did he have cut off?
- 3) A bakery used 8 cups of flour to make a full size cake. If they wanted to make a cake that was  $\frac{3}{4}$  the size, how many cups of flour would they need?
- 4) A chef cooked 4 kilograms of mashed potatoes for a dinner party. If the guests only ate  $\frac{3}{10}$  of the amount he cooked, how much did they eat?
- 5) Robin needed  $\frac{2}{8}$  of a cup of water for 1 flower. If she had 6 flowers how many cups would she need?
- 6) When Olivia's 3DS is fully charged it lasts for 7 hours. If she only charged it  $\frac{1}{3}$  full, how long would it last?
- 7) A pitcher could hold  $\frac{3}{5}$  of a gallon of water. If Sam filled up 6 pitchers, how much water would he have?
- 8) It takes  $\frac{6}{8}$  of a box of nails to build a bird house. If you wanted to build 2 bird houses, how many boxes would you need?
- 9) A dog groomer could clean 7 dogs in an hour. How many could they clean in  $\frac{1}{2}$  of an hour?
- 10) A group of 3 friends each received  $\frac{2}{3}$  of a pound of candy. How much candy did they receive total?
- 11) A farmer gives each of his horses  $\frac{3}{6}$  of a salt lick a month. If he has 3 horses, how many salt licks does he use a month?
- 12) Each day a company used  $\frac{1}{2}$  of a box of paper. How many boxes would they have used after 3 days?

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Answers

1. 3<sup>3</sup>/<sub>8</sub>
2. 1<sup>0</sup>/<sub>8</sub>
3. 6<sup>0</sup>/<sub>4</sub>
4. 1<sup>2</sup>/<sub>10</sub>
5. 1<sup>4</sup>/<sub>8</sub>
6. 2<sup>1</sup>/<sub>3</sub>
7. 3<sup>3</sup>/<sub>5</sub>
8. 1<sup>4</sup>/<sub>8</sub>
9. 3<sup>1</sup>/<sub>2</sub>
10. 2<sup>0</sup>/<sub>3</sub>
11. 1<sup>3</sup>/<sub>6</sub>
12. 1<sup>1</sup>/<sub>2</sub>



Solve each problem.

$1\frac{4}{8}$

$6\frac{0}{4}$

$2\frac{0}{3}$

$2\frac{1}{3}$

$1\frac{2}{10}$

$3\frac{3}{8}$

$1\frac{0}{8}$

$3\frac{3}{5}$

$1\frac{4}{8}$

$3\frac{1}{2}$

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