Solve each problem.

1) On Monday it snowed two inches. The next day it snowed two-sixths that amount. How much did it snow on the second day?

2) Katie made spicy and regular chili for the chili cookoff. She made enough spicy to fill up five-twelfths of a pot. If she made three times as much regular, how many pots of regular did she have?

3) When Amy’s 3DS is fully charged it lasts for five hours. If she only charged it three-eighths full, how long would it last?

4) Emily collected six times as many bags of cans as her friend. If her friend collected two-thirds of a bag. How many bags did Emily collect?

5) Oliver ran eight miles on his first day of training. The next day he ran six-twelfths that distance. How far did he run the second day?

6) A farmer gives each of his horses two-thirds of a salt lick a month. If he has nine horses, how many salt licks does he use a month?

7) A bakery used six cups of flour to make a full size cake. If they wanted to make a cake that was two-fifths the size, how many cups of flour would they need?

8) A restaurant used seven pounds of potatoes during a lunch rush. If they used three-eighths as much beef, how many pounds of beef did they use?

9) Robin needed six-twelfths of a cup of water for 1 flower. If she had nine flowers how many cups would she need?

10) Cody lived eight miles from his school. If he rode his bike two-fifths of the distance and then walked the rest, how far did he ride his bike?

11) It takes eight-twelfths of a box of nails to build a bird house. If you wanted to build three bird houses, how many boxes would you need?

12) Zoe’s hair was originally five inches long. She asked her hair dresser to cut one-third of it off. How many inches did she have cut off?
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Answers

1. \( \frac{4}{6} \)

2. \( 1 \frac{3}{12} \)

3. \( 1 \frac{7}{8} \)

4. 4

5. 4

6. 6

7. \( 2 \frac{2}{5} \)

8. \( 2 \frac{5}{8} \)

9. \( 4 \frac{6}{12} \)

10. \( 3 \frac{1}{5} \)

11. 2

12. \( 1 \frac{2}{3} \)
Solve each problem.

1) On Monday it snowed 2 inches. The next day it snowed \(\frac{2}{6}\) that amount. How much did it snow on the second day?

2) Katie made spicy and regular chili for the chili cookoff. She made enough spicy to fill up \(\frac{5}{12}\) of a pot. If she made 3 times as much regular, how many pots of regular did she have?

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6) A farmer gives each of his horses \(\frac{2}{3}\) of a salt lick a month. If he has 9 horses, how many salt licks does he use a month?

7) A bakery used 6 cups of flour to make a full size cake. If they wanted to make a cake that was \(\frac{2}{5}\) the size, how many cups of flour would they need?

8) A restaurant used 7 pounds of potatoes during a lunch rush. If they used \(\frac{3}{8}\) as much beef, how many pounds of beef did they use?

9) Robin needed \(\frac{5}{12}\) of a cup of water for 1 flower. If she had 9 flowers how many cups would she need?

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