Solve each problem.

1) Luke stacked six pieces of wood on top of one another. If each piece was three-fifths of a foot tall, how tall was his pile?

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

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

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

5) On Monday it snowed nine inches. The next day it snowed seven-twelfths that amount. How much did it snow on the second day?

6) When Robin’s 3DS is fully charged it lasts for nine hours. If she only charged it two-tenths full, how long would it last?

7) Olivia’s hair was originally nine inches long. She asked her hairdresser to cut two-thirds of it off. How many inches did she have cut off?

8) Emily was packing up some of her old stuff into a box. A box can hold six pounds, but she only filled it up four-sixths full. How much weight was in the box?

9) A pitcher could hold four-sixths of a gallon of water. If Will filled up four pitchers, how much water would he have?

10) Faye needed one-tenth of a cup of water for 1 flower. If she had five flowers how many cups would she need?

11) A bakery used seven cups of flour to make a full size cake. If they wanted to make a cake that was three-sixths the size, how many cups of flour would they need?

12) It takes one-eighth of a box of nails to build a bird house. If you wanted to build nine bird houses, how many boxes would you need?
Fraction Word Problems

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Answers

1. 3 \( \frac{3}{5} \)
2. 2 \( \frac{6}{12} \)
3. 3 \( \frac{1}{5} \)
4. 2 \( \frac{2}{3} \)
5. 5 \( \frac{3}{12} \)
6. 1 \( \frac{8}{10} \)
7. 6
8. 4
9. 2 \( \frac{4}{6} \)
10. \( \frac{5}{10} \)
11. 3 \( \frac{3}{6} \)
12. 1 \( \frac{1}{8} \)
1) Luke stacked 6 pieces of wood on top of one another. If each piece was \(\frac{3}{5}\) of a foot tall, how tall was his pile?

2) A restaurant used 3 pounds of potatoes during a lunch rush. If they used \(\frac{10}{12}\) as much beef, how many pounds of beef did they use?

3) A farmer gives each of his horses \(\frac{2}{5}\) of a salt lick a month. If he has 8 horses, how many salt licks does he use a month?

4) Rachel collected 4 times as many bags of cans as her friend. If her friend collected \(\frac{2}{3}\) of a bag. How many bags did Rachel collect?

5) On Monday it snowed 9 inches. The next day it snowed \(\frac{7}{12}\) that amount. How much did it snow on the second day?

6) When Robin’s 3DS is fully charged it lasts for 9 hours. If she only charged it \(\frac{2}{10}\) full, how long would it last?

7) Olivia's hair was originally 9 inches long. She asked her hair dresser to cut \(\frac{2}{3}\) of it off. How many inches did she have cut off?

8) Emily was packing up some of her old stuff into a box. A box can hold 6 pounds, but she only filled it up \(\frac{4}{6}\) full. How much weight was in the box?

9) A pitcher could hold \(\frac{1}{6}\) of a gallon of water. If Will filled up 4 pitchers, how much water would he have?

10) Faye needed \(\frac{1}{10}\) of a cup of water for 1 flower. If she had 5 flowers how many cups would she need?