Solve each problem. Write the answer as a mixed number fraction (if possible).

- A package of paper weighs $1\frac{1}{3}$ ounces. If Mike put $3\frac{2}{3}$ packages of paper on a scale, how much would they weigh?

Answers

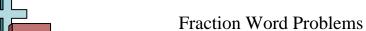
- Katie needed a piece of string to be exactly $3\frac{1}{3}$ feet long. If the string she has is $1\frac{1}{2}$ times as long as it should be, how long is the string?
- Sam had a lump of silly putty that was $1\frac{2}{4}$ inches long. If he stretched it out to $3\frac{1}{2}$ times its current length how long would it be?
- A batch of chicken required $2\frac{1}{4}$ cups of flour. If a fast food restaurant was making $2\frac{3}{4}$ batches, how much flour would they need?
- A new washing machine used $2\frac{1}{2}$ gallons of water per full load to clean clothes. If Victor washed $1\frac{1}{2}$ loads of clothes, how many gallons of water would be used?
- A bag of strawberry candy takes $1\frac{3}{4}$ ounces of strawberries to make. If you have $3\frac{1}{3}$ bags, how many ounces of strawberries did it take to make them?

- A doctor told his patient to drink 2 full cups and $\frac{1}{2}$ of a cup of medicine over a week. If each full cup was $2^{1/2}$ pints, how much is he going to drink over the week?

- A bottle of sugar syrup soda had $1\frac{1}{3}$ grams of sugar in it. If Dave drank 2 full bottles and $\frac{3}{4}$ of a bottle, how many grams of sugar did he drink?

- An old road was $2\frac{1}{3}$ miles long. After a renovation it was $2\frac{1}{3}$ times as long. How long was the road after the renovation?

- Faye can read $3\frac{1}{2}$ pages of a book in a minute. If she read for $3\frac{2}{3}$ minutes, how much
- would she have read?
- A bottle of home-made cleaning solution took $1\frac{2}{3}$ milliliters of lemon juice. If Robin wanted to make $3\frac{3}{5}$ bottles, how many milliliters of lemon juice would she need?
- A single box of thumb tacks weighed $1\frac{1}{2}$ ounces. If a teacher had $2\frac{1}{2}$ boxes, how much would their combined weight be?



Answer Key

Solve each problem. Write the answer as a mixed number fraction (if possible).

	-	· ·	-	•
1)	A package of paper weighs $1\frac{1}{3}$ ounce	s. If Mike put $3^2/_3$ packages	of paper o	n a scale, how
	much would they weigh?			

- 2) Katie needed a piece of string to be exactly $3\frac{1}{3}$ feet long. If the string she has is $1\frac{1}{2}$ times as long as it should be, how long is the string?
- 3) Sam had a lump of silly putty that was $1\frac{2}{4}$ inches long. If he stretched it out to $3\frac{1}{2}$ times its current length how long would it be?
- 4) A batch of chicken required $2\frac{1}{4}$ cups of flour. If a fast food restaurant was making $2\frac{3}{4}$ batches, how much flour would they need?
- 5) A new washing machine used $2\frac{1}{2}$ gallons of water per full load to clean clothes. If Victor washed $1\frac{1}{2}$ loads of clothes, how many gallons of water would be used?
- 6) A bag of strawberry candy takes $1\frac{3}{4}$ ounces of strawberries to make. If you have $3\frac{1}{3}$ bags, how many ounces of strawberries did it take to make them?
- 7) A doctor told his patient to drink 2 full cups and $\frac{1}{2}$ of a cup of medicine over a week. If each full cup was $2\frac{1}{2}$ pints, how much is he going to drink over the week?
- 8) A bottle of sugar syrup soda had $1\frac{1}{3}$ grams of sugar in it. If Dave drank 2 full bottles and $\frac{3}{4}$ of a bottle, how many grams of sugar did he drink?
- 9) An old road was $2\frac{2}{3}$ miles long. After a renovation it was $2\frac{1}{3}$ times as long. How long was the road after the renovation?
- Faye can read $3\frac{1}{2}$ pages of a book in a minute. If she read for $3\frac{2}{3}$ minutes, how much would she have read?
- 11) A bottle of home-made cleaning solution took $1\frac{2}{3}$ milliliters of lemon juice. If Robin wanted to make $3\frac{3}{5}$ bottles, how many milliliters of lemon juice would she need?
- 12) A single box of thumb tacks weighed $1\frac{1}{2}$ ounces. If a teacher had $2\frac{1}{2}$ boxes, how much would their combined weight be?

Answers

- 1. **4**⁸/₉
- $\frac{50}{6}$
 - $5\frac{2}{8}$
 - $6^{3}/_{16}$
- $_{5.}$ $3^{3}/_{4}$
- $_{6.}$ $5^{10}/_{12}$
- 7. $6^{1}/_{4}$
- 8. $3\frac{\%}{12}$
- $_{9.}$ $6^{2}/_{9}$
- $_{10.}$ $12\frac{5}{6}$
- $6^{0}/_{15}$
- $\frac{3^{3}}{4}$

1)

 $5\frac{0}{6}$

 $3^{8}/_{12}$

Solve each problem. Write the answer as a mixed number fraction (if possible).

 $3\frac{3}{4}$ $6\frac{3}{16}$ $5\frac{2}{8}$ $12\frac{5}{6}$ $6\frac{1}{4}$ $5\frac{10}{12}$ $4\frac{8}{9}$ $6\frac{2}{9}$

1. _____

Answers

2

4. _____

5. _____

6. _____

9. _____

10. _____

2)

3)

4)

5)

6)

7)

8)

9)

10)