

Multiplying with Fractions: Real World Problems

Name: _____ Date: _____

1.) Shadrica had 6 feet of wrapping paper. She used $\frac{3}{5}$ of the paper to wrap some gifts. How much does she have left?

2.) Maxwell ran 4 days last week. He ran $\frac{3}{8}$ of a mile each day. How far did he run in all?

3.) Alex has $\frac{3}{6}$ of a gallon of paint. He plans to use some of it. How much paint will he have remaining if he uses $\frac{2}{3}$ of it?

4.) Tom finished a job in $\frac{3}{4}$ of an hour. Jorge finished the same job in $\frac{4}{5}$ of the time it took Tom. How long did Jorge take to finish the job?

5.) Jessica bought 8 roses for her mother. $\frac{3}{4}$ of the roses were pink. How many pink roses were there?



Solve each problem. Make sure to write your answer as a fraction.

Answers

- 1) Roger had collected 87 leaves to feed to his caterpillar collection. If he wanted to split the leaves equally amongst the 10 cages, how much should he put in each cage? Between what two whole numbers does your answer lie?
- 2) A teacher had 15 packages of paper she wanted to split equally into 2 piles. How much should be in each pile? Between what two whole numbers does your answer lie?
- 3) A pet store had 4 cats. If they wanted to split 43 ounces of cat food amongst them, how much should each cat get? Between what two whole numbers does your answer lie?
- 4) Downtown, 3 artists were painting a mural that was 17 feet long. If they split the canvas evenly, how much will each artist get to paint? Which two whole numbers does your answer lie between?
- 5) Maria had 64 pixie sticks that she want to make last 7 days. How much can she eat each day so that they'll last her 7 days? Between what two whole numbers does your answer lie?
- 6) A fast food restaurant had 46 pounds of flour. If they split the flour evenly among 8 batches of chicken, how much flour would each batch use? Between what two whole numbers does your answer lie?
- 7) A relay race team had 7 members. Total they ran 72 miles, with each member running the same distance. How far did each member have to run? Between what two whole numbers does your answer lie?
- 8) A candy maker had a piece of taffy that was 59 inches long. If he chopped it into 6 equal length pieces, how long would each piece be? Which two whole numbers does your answer lie between?
- 9) A blanket shop had 29 feet of fabric. If they wanted to use the fabric to make 8 blankets, each the same length, how long would each one be? Between what two whole numbers does your answer lie?
- 10) A sub sandwich maker had a sandwich that was 45 meters long. If he wanted to cut the sub into 6 pieces, each the same length, how long would each be? Between what two whole numbers does your answer lie?

1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
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9.	_____	_____	_____
10.	_____	_____	_____