24 Grade 1 Math Word Problems

Fractions

½ - Halves

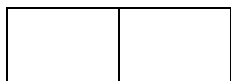1/3 - Thirds

¼ - Fourths

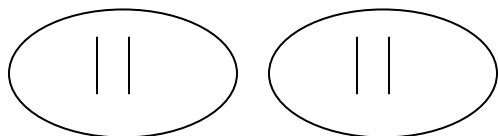## Tips on how to use these word problems

1. Determine the math readiness of the students in terms of addition and subtraction skills. Select the appropriate pages for individual needs.
2. Teach word problem vocabulary, e.g. half, third, fourth, share equally, what fraction, how many.
3. Model drawing a picture and concluding sentence for each problem (see example below). This will allow the teacher to better understand the student's thought process in solving the problem and make it easier for him or her to assist the student.

   Tim and Kevin want to share an apple equally. What fraction will each person get?

   Each person would get 1/2.

   Dad bought 4 books for his 2 children. He shared the books equally. How many books did each child get?

   Each child gets 2 books.

4. Children solve problems. They should be encouraged to use a variety of problem solving strategies, including pictures, manipulatives, number lines, etc.
5. Mark answers. An Answer Key, including equation and concluding sentence, is included for ease in marking.

Note: The intended purpose of these problems is to allow children to use math skills in context, therefore when necessary, the teacher or a classmate should read them aloud to the student.

Table of Contents

1. Tim and Kevin want to share an apple equally. What fraction will each person get?

2. Jill saw 10 ducklings sitting on 5 logs. Each log had an equal number of ducklings. How many ducklings were on each log?

3. Jo, Fred, Pat and Glen shared a pizza equally. What fraction did each person get?

4. There were 3 balls and 3 children. If they shared the balls equally, how many balls would each child get?

1. Mom bought 9 stickers for her 3 children. She gave each child 3 stickers. What fraction of the stickers did each child get?

2. There were 4 cookies and 2 children. The children shared them equally. How many cookies did each child get?

3. 4 boys found 12 cents. They shared the money equally. How many cents did each child get?

4. There were 8 rabbits and 8 carrots. They shared them equally. How many carrots did each rabbit get?

1. There were 8 bones and 4 dogs. They shared them equally. How many bones did each dog get?

2. There were 3 boats and 12 kids. The same number of kids went into each boat. How many kids went in each boat?

3. Four classes were in the gym at the same time and shared the space equally. What fraction of the gym did each class get?

4. Two girls wanted to share a piece of paper equally. What fraction did each girl get?

1. Hana cut a pizza into 3 equal pieces. She ate 1/3 of the pieces. How many pieces did she eat?

2. Bob had 4 pieces of candy. He gave 1/4 of them to Tim. How many pieces of candy did he give Tim?

3. There were 2 cupcakes. Jan ate 1 of them. What fraction of the cupcakes did she eat?

4. Rick folded his paper into 4 equal squares. He colored 1/4 of his squares. How many squares did he color?

1. Kim had 10 stickers. She gave her friend 5 stickers. What fraction did she give her friend?

2. A pizza was cut into 8 pieces and shared equally between 4 people. How many pieces of pizza did each person get?

3. Jill and a friend wanted to share a sandwich equally. What fraction would each person get?

4. Jon, Sue and Kevin were playing with 6 blocks. They shared them equally and each person got 2 blocks. What fraction did each person get?

1. Four dogs curled up on one blanket spaced out evenly. What fraction of the blanket did each dog get?

2. There were 9 pencils and 3 people. Each person got the same number of pencils. How many pencils did each person get?

3. Fred had 8 pieces of chocolate. He gave 1/4 of them to Ben. How many pieces did Ben get?

4. There were 10 carrot sticks. Mick and his brother shared them equally. How many carrot sticks did each boy get?

Answers

1A	**1**	Picture solution	Each person will get 1/2.
	2	Picture solution	There were 2 ducklings on each log.
	3	Picture solution	Each person got 1/4.
	4	Picture solution	Each child would get 1 ball.
2A	**1**	Picture solution	Each child got 1/3 of the stickers.
	2	Picture solution	Each child got 2 cookies.
	3	Picture solution	Each child got 3 cents.
	4	Picture solution	Each rabbit got 1 carrot.
3A	**1**	Picture solution	Each dog got 2 bones.
	2	Picture solution	4 kids went in each boat.
	3	Picture solution	Each class got 1/4 of the gym.
	4	Picture solution	Each girl got 1/2 the paper.
4A	**1**	Picture solution	Hana ate 1 piece of pizza.
	2	Picture solution	Bob gave Tim 1 piece of candy.
	3	Picture solution	Jan ate 1/2 of the cupcakes.
	4	Picture solution	Rick colored 1 square.
5A	**1**	Picture solution	She gave her friend 1/2.
	2	Picture solution	Each person got 2 pieces of pizza.
	3	Picture solution	Each person would get 1/2 of a sandwich.
	4	Picture solution	Each person got 1/3.
6A	**1**	Picture solution	Each dog got 1/4 of the blanket.
	2	Picture solution	Each person got 3 pencils.
	3	Picture solution	Ben got 2 pieces of chocolate.
	4	Picture solution	Each boy got 5 carrot sticks.