Word Problems

Improper Fractions & Mixed Numbers

1. Jake painted his house. He used 2½ tins of white, 1½ tins of blue, and ½ tin of grey. How much paint did Jake use in total?

2. Beau ate 2/4 of a chicken sandwich, 3/4 of a beef sandwich, 1/4 of an egg sandwich, and 3/4 of a ham sandwich. How many sandwiches did he eat in total?

3. Kevin took out 3 apples and 2 pears and cut each into eighths. He put the pieces of fruit on a plate to share with his friends. How many pieces of fruit were on the plate?

4. Grant walked 3 4/5 kilometres on Saturday, and then 4 2/5 kilometres on Sunday. How many kilometres did he walk in all?

5. A family ordered 4 pizzas. Together, Mum and Dad ate 1 3/8 pizza. Hayley ate 5/8 of a pizza, and Brandon ate 6/8 of a pizza. How much pizza was left over?

Word Problems Answers

Improper Fractions & Mixed Numbers

1. Jake painted his house. He used 2½ tins of white, 1½ tins of blue, and ½ tin of grey. How much paint did Jake use in total?

4 ½ tins (or 9/2)

2. Beau ate 2/4 of a chicken sandwich, 3/4 of a beef sandwich, 1/4 of an egg sandwich, and 3/4 of a ham sandwich. How many sandwiches did he eat in total?

9/4 (or 2 1/4)

3. Kevin took out 3 apples and 2 pears and cut each into eighths. He put the pieces of fruit on a plate to share with his friends. How many pieces of fruit were on the plate?

40 pieces of fruit

4. Grant walked 3 4/5 kilometres on Saturday, and then 4 2/5 kilometres on Sunday. How many kilometres did he walk in all?

8 1/5 (or 41/5) kilometres

5. A family ordered 4 pizzas. Together, Mum and Dad ate 1 3/8 pizza. Hayley ate 5/8 of a pizza, and Brandon ate 6/8 of a pizza. How much pizza was left over?

1 2/8 (or 10/8)