MATH WORD PROBLEMS

Name:

_____

www.mathwordproblems.com

Word Problems

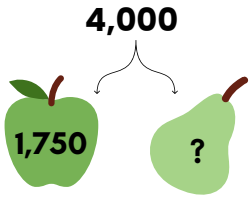
1. There are 15 children at Tom's birthday party.
Each child will eat 4/16 of a pizza.
How many pizzas should Tom order?

_____pizzas

2. There are 8 soda bottles, and each bottle is 3/4 filled with soda.
If we pour all the soda together, how many soda bottles
can be filled up?

_____bottles

3. The farmer has a total of 4,000 apples and pears.
He has 1,750 apples.
How many pears does the farmer have?

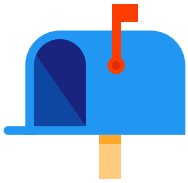


_____pears

4. There are 20 children in 4th grade.
Half of the children wear glasses.
Which fraction represents this?

A. $\frac{1}{5}$ B. $\frac{1}{4}$ C. $\frac{1}{2}$ D. $\frac{1}{3}$

5. The mailman delivers letters.
In one hour, he delivers 24 letters.
How many letters does he deliver in a quarter of an hour?



_____letters

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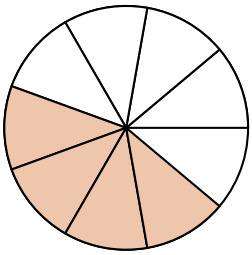
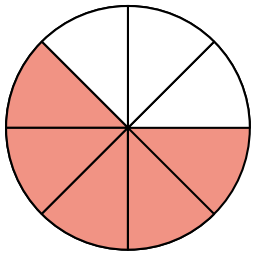
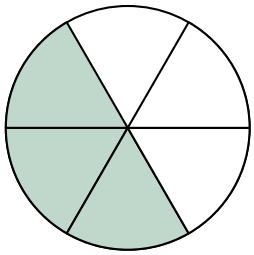
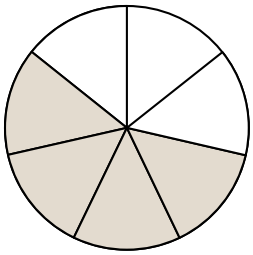
Writing Fractions

What is the fraction of the shaded part?

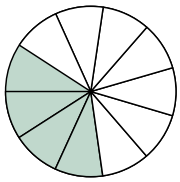


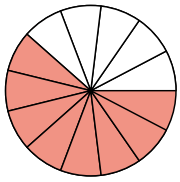


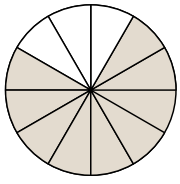


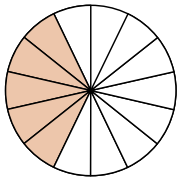


What is the fraction of the shaded part? Match and draw lines.









$\frac{8}{13}$

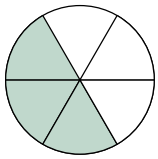
$\frac{5}{14}$

$\frac{4}{11}$

$\frac{9}{12}$

Word Problems

1. Mia buys 3 pieces of a cake that has 6 pieces in total.
What fraction of the cake does Mia buy?
Simplify the fraction as much as possible.

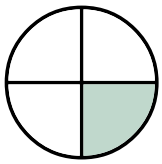


A. 3/6 B. 1/3 C. 1/2 D. 2/3

2. A ticket for the amusement park costs $19.
Liam buys 6 tickets.
How much does he have to pay?

_____dollars

3. Emery buys 1/4 of a cake.
The whole cake cost $12.
How much does 1/4 of the cake cost?

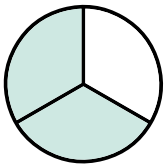


_____dollars

4. The baker bakes 2,005 cupcakes.
He sells 8 of them.
How many cupcakes does he have left?

_____cupcakes

5. Look at the image next to this question.
What fraction of the image is colored green?
Write the fraction down.



_____

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Simplify Fractions

Write these fractions in their simplest form.

$\frac{4}{20} = \frac{\quad}{\quad}$ $\frac{9}{18} = \frac{\quad}{\quad}$ $\frac{5}{10} = \frac{\quad}{\quad}$

$\frac{2}{4} = \frac{\quad}{\quad}$ $\frac{8}{12} = \frac{\quad}{\quad}$ $\frac{3}{6} = \frac{\quad}{\quad}$

$\frac{9}{36} = \frac{\quad}{\quad}$ $\frac{4}{12} = \frac{\quad}{\quad}$ $\frac{3}{9} = \frac{\quad}{\quad}$

$\frac{5}{10} = \frac{\quad}{\quad}$ $\frac{6}{10} = \frac{\quad}{\quad}$ $\frac{7}{35} = \frac{\quad}{\quad}$

$\frac{6}{30} = \frac{\quad}{\quad}$ $\frac{18}{24} = \frac{\quad}{\quad}$ $\frac{3}{24} = \frac{\quad}{\quad}$

$\frac{7}{14} = \frac{\quad}{\quad}$ $\frac{6}{16} = \frac{\quad}{\quad}$ $\frac{6}{16} = \frac{\quad}{\quad}$

$\frac{10}{40} = \frac{\quad}{\quad}$ $\frac{8}{24} = \frac{\quad}{\quad}$ $\frac{2}{16} = \frac{\quad}{\quad}$

$\frac{7}{35} = \frac{\quad}{\quad}$ $\frac{10}{30} = \frac{\quad}{\quad}$ $\frac{3}{12} = \frac{\quad}{\quad}$

$\frac{2}{12} = \frac{\quad}{\quad}$ $\frac{10}{20} = \frac{\quad}{\quad}$ $\frac{4}{16} = \frac{\quad}{\quad}$

$\frac{5}{15} = \frac{\quad}{\quad}$ $\frac{10}{40} = \frac{\quad}{\quad}$ $\frac{4}{8} = \frac{\quad}{\quad}$

Word Problems

1. The baker sells cookies.
He sells 4 bags, with 28 cookies in each bag.
How many cookies does he sell in total?

_____cookies

2. Elias loves working in the garden.
He spent 2/6 of an hour each day working on the garden.
How many minutes does he spend in a week working on the garden?

_____minutes

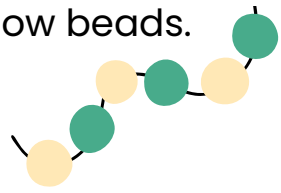
3. There are 160 boys and 120 girls in the school.
The children sit at tables with 4 children at each table.
How many tables are needed?

_____tables

4. The greengrocer sells grapes.
He sells 320 containers, with 10 grapes in each container.
How many grapes does he sell in total?

_____grapes

5. Ann makes bracelets using 120 green and 120 yellow beads.
To make one bracelet, she needs 6 beads.
How many bracelets can Ann make?



_____bracelets

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Mystery Math

Simplify the fraction.
To which fraction is the fraction equal?
Look at the table and give the box the correct color.

Answer	Color
equal to 1/2	blue
equal to 1/3	gray
equal to 1/4	green
equal to 1/5	black

1/2	2/4	1/2	2/4	1/2	3/6	5/10	4/8	1/2	4/8	1/5	3/15	2/10	4/20	5/10	4/8	4/8	5/10	2/4
3/6	4/8	1/2	3/6	3/6	4/8	1/2	4/8	3/6	2/10	1/4	2/8	3/12	2/8	3/15	2/10	1/2	1/2	5/10
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4/8	3/6	3/6	4/8	2/4	5/10	5/10	1/2	2/4	3/15	1/3	1/3	5/20	1/4	2/8	1/4	4/16	2/10	2/4
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5/20	2/8	3/9	2/6	3/12	2/8	2/8	5/20	2/8	3/12	5/20	4/16	3/12	4/16	4/16	5/25	5/10	4/8	1/2
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3/15	3/15	1/4	3/12	3/12	5/20	5/20	2/8	4/16	4/16	3/12	3/12	5/25	3/15	1/4	5/25	4/8	3/6	4/8
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2/4	3/6	5/10	4/20	3/15	5/25	2/10	5/10	5/10	3/6	5/25	1/5	3/15	1/5	4/8	5/10	1/2	5/10	4/8

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MATH WORD PROBLEMS

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I hope this recourse is fun and engaging for your students!

Answers

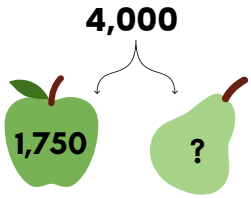
1. There are 15 children at Tom's birthday party.
Each child will eat 4/16 of a pizza.
How many pizzas should Tom order?

4 pizzas

2. There are 8 soda bottles, and each bottle is 3/4 filled with soda.
If we pour all the soda together, how many soda bottles can be filled up?

6 bottles

3. The farmer has a total of 4,000 apples and pears.
He has 1,750 apples.
How many pears does the farmer have?

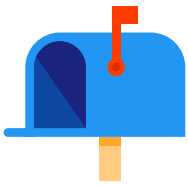


2,250 pears

4. There are 20 children in 4th grade.
Half of the children wear glasses.
Which fraction represents this?

A. $\frac{1}{5}$ B. $\frac{1}{4}$ C. $\frac{1}{2}$ D. $\frac{1}{3}$

5. The mailman delivers letters.
In one hour, he delivers 24 letters.
How many letters does he deliver in a quarter of an hour?



6 letters

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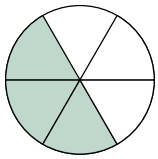
Answers

1. Mia buys 3 pieces of a cake that has 6 pieces in total.
What fraction of the cake does Mia buy?
Simplify the fraction as much as possible.

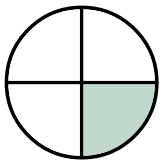


A. 3/6 B. 1/3 C. 1/2 D. 2/3

2. A ticket for the amusement park costs $19.
Liam buys 6 tickets.
How much does he have to pay?

114 dollars

3. Emery buys 1/4 of a cake.
The whole cake cost $12.
How much does 1/4 of the cake cost?

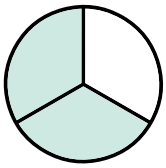


3 dollars

4. The baker bakes 2,005 cupcakes.
He sells 8 of them.
How many cupcakes does he have left?

1,997 cupcakes

5. Look at the image next to this question.
What fraction of the image is colored green?
Write the fraction down.



2/3

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Answers

1. The baker sells cookies.
He sells 4 bags, with 28 cookies in each bag.
How many cookies does he sell in total?

112 cookies

2. Elias loves working in the garden.
He spent 2/6 of an hour each day working on the garden.
How many minutes does he spend in a week working on the garden?

140 minutes

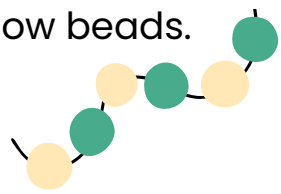
3. There are 160 boys and 120 girls in the school.
The children sit at tables with 4 children at each table.
How many tables are needed?

70 tables

4. The greengrocer sells grapes.
He sells 320 containers, with 10 grapes in each container.
How many grapes does he sell in total?

3,200 grapes

5. Ann makes bracelets using 120 green and 120 yellow beads.
To make one bracelet, she needs 6 beads.
How many bracelets can Ann make?



112 bracelets

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Answers

Simplify the fraction.
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3/6	4/8	1/2	3/6	3/6	4/8	1/2	4/8	3/6	2/10	1/4	2/8	3/12	2/8	3/15	2/10	1/2	1/2	5/10
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4/8	3/6	3/6	4/8	2/4	5/10	5/10	1/2	2/4	3/15	1/3	1/3	5/20	1/4	2/8	1/4	4/16	2/10	2/4
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3/6	5/10	2/4	1/2	2/4	4/8	2/4	4/8	3/6	2/10	1/3	4/16	2/8	2/10	1/2	1/2	5/10	4/8	4/8
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5/10	2/4	2/4	2/10	5/25	2/8	1/3	5/20	1/4	5/20	1/3	1/4	5/20	3/12	3/15	4/8	5/10	5/10	5/10
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3/15	3/15	1/4	3/12	3/12	5/20	5/20	2/8	4/16	4/16	3/12	3/12	5/25	3/15	1/4	5/25	4/8	3/6	4/8
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2/4	3/6	5/10	4/20	3/15	5/25	2/10	5/10	5/10	3/6	5/25	1/5	3/15	1/5	4/8	5/10	1/2	5/10	4/8

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