

MATH WORD PROBLEMS



Name:

Word Problems

1. John goes for a walk.
He walks 3 times a distance of 2.3 kilometers.
How many kilometers does he walk in total?



_____kilometers

2. Amy sells 53 computers on Monday and 37 on Tuesday.
This was 25% of the total sales for the week.
How many computers did Amy sell in total that week?

_____computers

3. Grade 7 organizes a charity run.
Three children each walk 1.25 kilometers.
How many kilometers do they walk together?

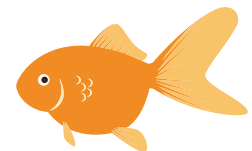


_____kilometers

4. Bo is reading a book of 450 pages.
She has read 90 pages.
What percentage of the total number of pages has Bo read?

_____ percent

5. There are 36 goldfish in an aquarium.
This is 15% of the total number of fish in the aquarium.
How many fish are there in total in the aquarium?



_____ fish

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Fractions



Calculate the sums and simplify the fraction.

$$\frac{4}{7} \times \frac{1}{6} = \text{---}$$

$$\frac{7}{8} \times \frac{4}{6} = \text{---}$$

$$\frac{3}{8} \times \frac{1}{8} = \text{---}$$

$$\frac{3}{4} \times \frac{6}{7} = \text{---}$$

$$\frac{4}{5} \times \frac{4}{5} = \text{---}$$

$$\frac{5}{6} \times \frac{3}{6} = \text{---}$$

$$\frac{3}{5} \times \frac{5}{6} = \text{---}$$

$$\frac{3}{4} \times \frac{2}{3} = \text{---}$$

$$\frac{2}{3} \times \frac{6}{7} = \text{---}$$

$$\frac{2}{4} \times \frac{5}{7} = \text{---}$$

$$\frac{5}{8} \times \frac{5}{7} = \text{---}$$

$$\frac{3}{7} \times \frac{7}{8} = \text{---}$$

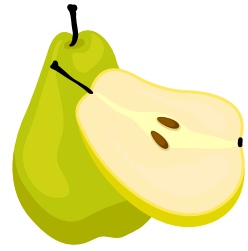
$$\frac{6}{7} \times \frac{4}{6} = \text{---}$$

$$\frac{2}{7} \times \frac{4}{5} = \text{---}$$

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Word Problems

1. Ava goes to the market.
It costs \$2 to buy 4 kg of pears.
How much money does Ava pay for 33 kg of pears?



_____ dollars

2. Zookeeper Jack has 9 large boxes.
Each box contains 24 fish.
How many fish are there in total?

_____ fish

3. In the store, you now pay \$320 for a laptop.
The old price was \$400.
What percentage discount do you get?



_____ %

4. Max buys a new phone for \$650.
He gets a \$195 discount.
What percentage discount does Max get?

_____ %

5. Today in the store, you get a 60% discount on a bag.
Today you pay \$10.
What was the old price?

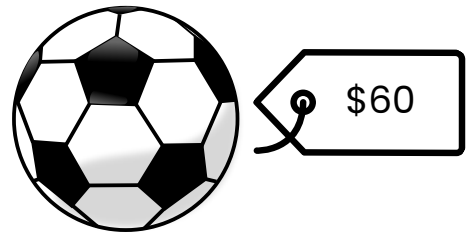


_____ dollars

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Word Problems

1. For a new soccer ball, you pay \$60.
You get a \$12 discount.
What percentage is that?

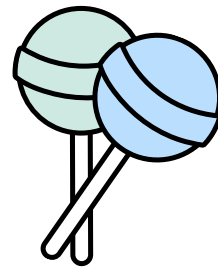


_____ %

2. Today you get a 40% discount on a cabinet.
Now you pay \$84.
What was the old price?

_____ dollars

3. Teacher James needs 98 lollipops.
Each bag contains 12 lollipops.
How many bags does he need to buy?



_____ bags

4. Nancy goes for a drive.
She drives at 120 kilometers per hour.
How many kilometers does she drive in a quarter of an hour?

_____ kilometers

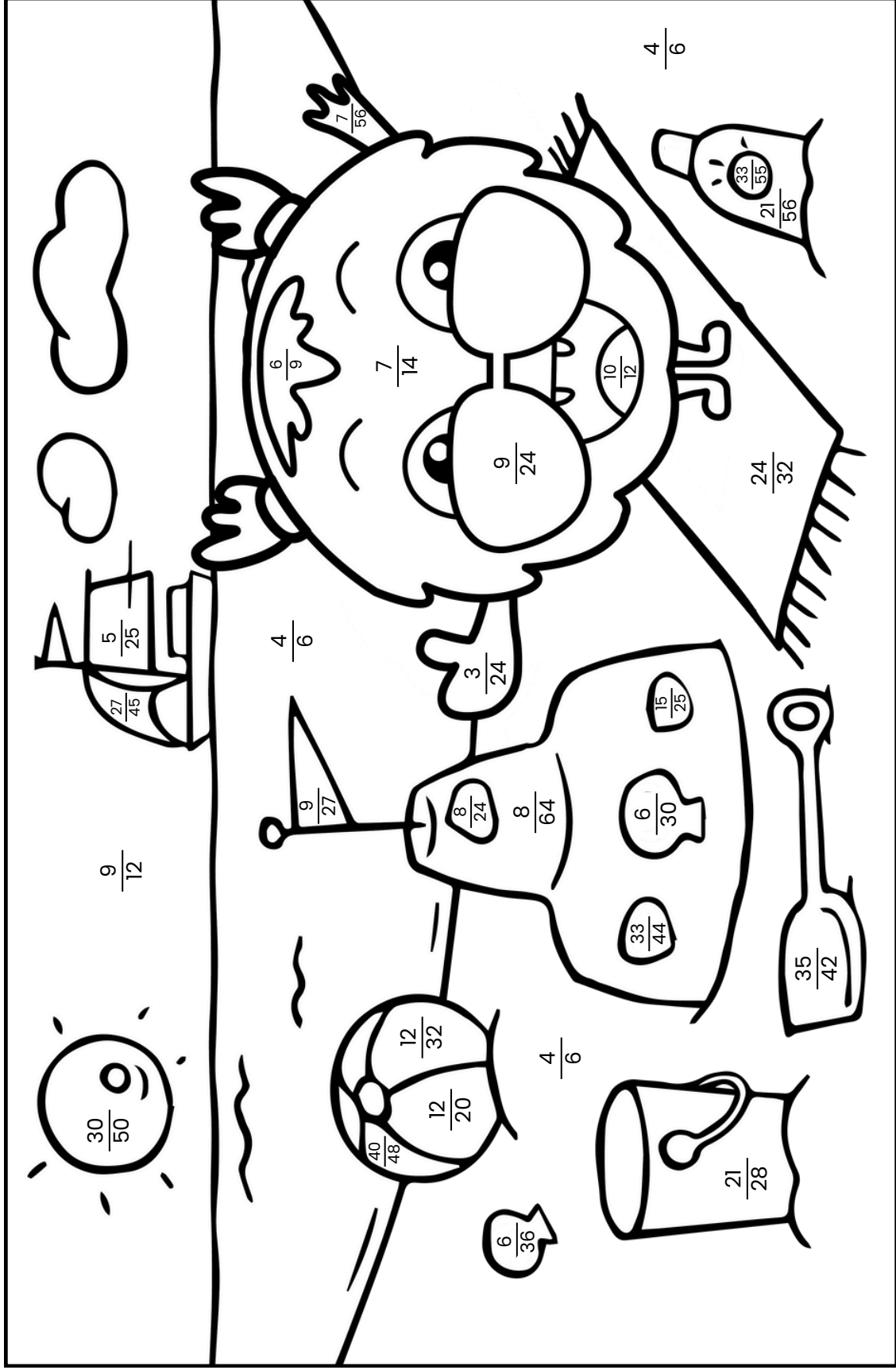
5. At the soccer club, 1 out of 5 children has a cat.
There are 180 children at the soccer club.
How many of those children have a cat?



_____ children

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Simplifying Fractions



$$\frac{3}{8}$$

$$\frac{1}{8}$$

$$\frac{1}{6}$$

$$\frac{1}{3}$$

$$\frac{5}{6}$$

$$\frac{2}{3}$$

$$\frac{1}{5}$$

$$\frac{3}{5}$$

$$\frac{3}{4}$$

$$\frac{1}{2}$$

Decimal Numbers



Solve the problems.

$5,5 + 4,5 =$

$7,4 + 1,6 =$

$3,3 + 3,8 =$

$8,3 + 9,5 =$

$5,3 + 5,8 =$

$7,9 + 5,7 =$

$3,3 + 8,6 =$

$7,2 + 2,8 =$

$2,6 + 6,8 =$

$6,6 + 7,7 =$

$1,6 + 2,6 =$

$8,3 + 8,7 =$

$3,2 + 3,4 =$

$8,7 + 8,3 =$

$6,7 + 5,2 =$

$3,9 + 5,2 =$

$5,5 + 7,8 =$

$8,1 + 2,1 =$

$6,9 + 8,8 =$

$3,6 + 9,9 =$

$5,4 + 8,8 =$

$4,9 + 2,3 =$

$9,8 + 8,4 =$

$4,5 + 8,2 =$

$5,2 + 4,2 =$

$9,7 + 6,2 =$

$4,6 + 8,6 =$

$5,5 + 2,9 =$

$6,2 + 5,8 =$

$2,7 + 5,8 =$

$5,9 - 3,3 =$

$8,7 - 6,5 =$

$8,8 - 1,8 =$

$5,7 - 4,7 =$

$5,9 - 1,6 =$

$7,2 - 4,5 =$

$4,8 - 3,1 =$

$9,5 - 1,7 =$

$5,7 - 2,7 =$

$9,3 - 1,7 =$

$8,1 - 5,2 =$

$6,1 - 2,6 =$

$6,8 - 3,9 =$

$9,2 - 2,3 =$

$2,3 - 1,5 =$

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Answers

1. John goes for a walk.
He walks 3 times a distance of 2.3 kilometers.
How many kilometers does he walk in total?



6.9 kilometers

2. Amy sells 53 computers on Monday and 37 on Tuesday.
This was 25% of the total sales for the week.
How many computers did Amy sell in total that week?

360 computers

3. Grade 7 organizes a charity run.
Three children each walk 1.25 kilometers.
How many kilometers do they walk together?

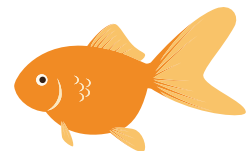


360 kilometers

4. Bo is reading a book of 450 pages.
She has read 90 pages.
What percentage of the total number of pages has Bo read?

20 %

5. There are 36 goldfish in an aquarium.
This is 15% of the total number of fish in the aquarium.
How many fish are there in total in the aquarium?



240 fish

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Answers



Calculate the sums and simplify the fraction.

$$\frac{4}{7} \times \frac{1}{6} = \frac{2}{21}$$

$$\frac{7}{8} \times \frac{4}{6} = \frac{7}{12}$$

$$\frac{3}{8} \times \frac{1}{8} = \frac{3}{64}$$

$$\frac{3}{4} \times \frac{6}{7} = \frac{9}{14}$$

$$\frac{4}{5} \times \frac{4}{5} = \frac{16}{25}$$

$$\frac{5}{6} \times \frac{3}{6} = \frac{5}{12}$$

$$\frac{3}{5} \times \frac{5}{6} = \frac{1}{2}$$

$$\frac{3}{4} \times \frac{2}{3} = \frac{1}{2}$$

$$\frac{2}{3} \times \frac{6}{7} = \frac{4}{7}$$

$$\frac{2}{4} \times \frac{5}{7} = \frac{5}{14}$$

$$\frac{5}{8} \times \frac{5}{7} = \frac{25}{56}$$

$$\frac{3}{7} \times \frac{7}{8} = \frac{3}{8}$$

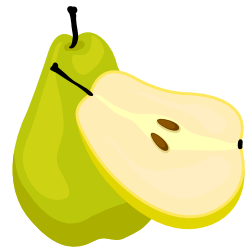
$$\frac{6}{7} \times \frac{4}{6} = \frac{4}{7}$$

$$\frac{2}{7} \times \frac{4}{5} = \frac{8}{35}$$

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Answers

1. Ava goes to the market.
It costs \$2 to buy 4 kg of pears.
How much money does Ava pay for 33 kg of pears?



16,50 dollars

2. Zookeeper Jack has 9 large boxes.
Each box contains 24 fish.
How many fish are there in total?

216 fish

3. In the store, you now pay \$320 for a laptop.
The old price was \$400.
What percentage discount do you get?



20 %

4. Max buys a new phone for \$650.
He gets a \$195 discount.
What percentage discount does Max get?

30 %

5. Today in the store, you get a 60% discount on a bag.
Today you pay \$10.
What was the old price?

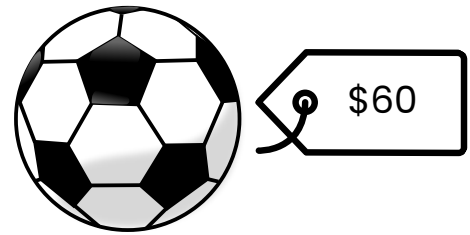


25 dollars

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Answers

1. For a new soccer ball, you pay \$60.
You get a \$12 discount.
What percentage is that?

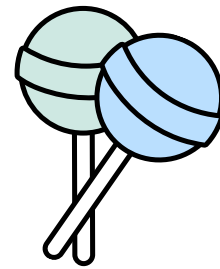


20 %

2. Today you get a 40% discount on a cabinet.
Now you pay \$84.
What was the old price?

210 dollars

3. Teacher James needs 98 lollipops.
Each bag contains 12 lollipops.
How many bags does he need to buy?



9 bags

4. Nancy goes for a drive.
She drives at 120 kilometers per hour.
How many kilometers does she drive in a quarter of an hour?

30 kilometers

5. At the soccer club, 1 out of 5 children has a cat.
There are 180 children at the soccer club.
How many of those children have a cat?



36 children

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Answers

Solve the problems.



$5,5 + 4,5 = 10$

$7,4 + 1,6 = 9$

$3,3 + 3,8 = 7,1$

$8,3 + 9,5 = 17,8$

$5,3 + 5,8 = 11,1$

$7,9 + 5,7 = 13,6$

$3,3 + 8,6 = 11,9$

$7,2 + 2,8 = 10$

$2,6 + 6,8 = 9,4$

$6,6 + 7,7 = 14,3$

$1,6 + 2,6 = 4,2$

$8,3 + 8,7 = 17$

$3,2 + 3,4 = 6,6$

$8,7 + 8,3 = 17$

$6,7 + 5,2 = 11,9$

$3,9 + 5,2 = 9,1$

$5,5 + 7,8 = 13,3$

$8,1 + 2,1 = 10,2$

$6,9 + 8,8 = 15,7$

$3,6 + 9,9 = 13,5$

$5,4 + 8,8 = 14,2$

$4,9 + 2,3 = 7,2$

$9,8 + 8,4 = 18,2$

$4,5 + 8,2 = 12,7$

$5,2 + 4,2 = 9,4$

$9,7 + 6,2 = 15,9$

$4,6 + 8,6 = 13,2$

$5,5 + 2,9 = 8,4$

$6,2 + 5,8 = 12$

$2,7 + 5,8 = 8,5$

$5,9 - 3,3 = 2,6$

$8,7 - 6,5 = 2,2$

$8,8 - 1,8 = 7$

$5,7 - 4,7 = 1$

$5,9 - 1,6 = 4,3$

$7,2 - 4,5 = 2,7$

$4,8 - 3,1 = 1,7$

$9,5 - 1,7 = 7,8$

$5,7 - 2,7 = 3$

$9,3 - 1,7 = 7,6$

$8,1 - 5,2 = 2,9$

$6,1 - 2,6 = 3,5$

$6,8 - 3,9 = 2,9$

$9,2 - 2,3 = 6,9$

$2,3 - 1,5 = 0,8$

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