

Math Word Problems

1. Tim is buying a DVD player from Deal of the Day. The usual cost of the player is \$180. Today's discount is 20%. How much money will Tim save?
2. Jack's father said that he would pay 60% of the cost of a bicycle. The bicycle costs \$350. How much will Jack's father pay?
3. The winning frog jumped 120 centimeters in the frog jumping competition. Andy's frog jumped 85% of the winning distance. How many more centimeters did the winning frog jump?
4. Melissa just got a new mp3 player. Eighteen of Melissa's forty-five songs are pop. What percentage is that?
5. Greg had \$225 in his saving account. He spent 20% of his money on a present for his friend. How much money did Greg have left?
6. Linda has \$10. She gets \$6 a week allowance for doing chores. How many weeks will it take her to save for a video game that costs \$52.
7. Allison bought some CDs online. Each CD cost \$7. There was an additional charge of \$4 per order for shipping costs. The total bill came to \$60. How many CDs did Allison buy?
8. There were 36 children at the playground. 28 children were on the swings. There were 8 children on the slide. 12 children left the swings to play basketball. How many children were on the swings then?
9. Greg and Peter bought a large pizza to share. Greg ate $\frac{5}{8}$ of the pizza. What fraction of the pizza was left for Peter?
10. Amy spent $\frac{4}{9}$ of her money and saved the rest. What fraction of her money did Amy save?
11. Mrs. Bloom baked a cake. She ate $\frac{1}{12}$ of the cake and gave $\frac{7}{12}$ of the cake to her neighbor. What fraction of the cake was left?
12. Monica and Ryan shared 18 cookies. Monica ate $\frac{1}{6}$ of the cookies. Ryan ate $\frac{1}{3}$ of the cookies. How many cookies were left?
13. There are usually 30 students in Mrs. Wagner's 3rd grade class. $\frac{1}{5}$ of the students are absent. How many students were in class?
14. Marcus had \$450. He spent $\frac{2}{5}$ of it on a DVD player. He then spent $\frac{1}{3}$ of the remaining money on a jacket. How much money did Marcus have left?
15. The new movie theatre in town charges \$2 to get in and then \$3 for each movie watched. You have \$15. How many movies can you watch?

Answer Sheet

1. $20/100 \times \$180 = \36

Tim will save \$36.

2. $60/100 \times \$350 = \210

Jack's father will pay \$210.

3. $120 - (85/100 \times 120) = 120 - 102 = 18$

The winning frog jumped 18 centimeters more.

4. $18/45 \times 100 = 40$

The eighteen songs represent 40%.

5. $225 - (20/100 \times 225) = 225 - 45 = 180$

Greg had \$180 left.

6. $52 - 10 = 42$ $42 / 6 = 7$

It will take her 7 weeks to save for a video game that costs \$52.

7. $(60 - 4) / 7 = 56 / 7 = 8$

Allison bought 8 CDs.

8. $28 - 12 = 16$

There were 16 children left on the swings.

9. $8/8 - 5/8 = 3/8$

3/8 of the pizza was left for Peter.

10. $9/9 - 4/9 = 5/9$

Amy saved 5/9 of her money.

11. $12/12 - (1/12 + 7/12) = 12/12 - 8/12 = 4/12$ or $1/3$

4/12 or 1/3 of the cake was left.

12. Monica: $1/6 \times 18 = 3$

Ryan: $1/3 \times 18 = 6$

$18 - (3 + 6) = 18 - 9 = 9$

9 cookies were left.

13. $30 - (1/5 \times 30) = 30 - 6 = 24$

24 students were in class.

14. $2/5 \times 450 = 180$

$1/3 \times 180 = 60$

$180 - 60 = 120$

Marcus had \$120 left.

15. $15 - 2 = 13$

$13 / 3 = 4.33$

I can watch 4 movies.