

Pre-algebra Word Problems

Name	Score
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1	Emily read 12 books in January. In February, she read twice as many books as she did in January. How many books did Emily read in February?	
2	Jake has a rectangular garden that is 4 feet longer than it is wide. If the width of the garden is 6 feet, what is the length of the garden?	
3	A concert tickets cost \$15 each. If Mia bought 3 tickets and paid with a \$50 bill, how much change did she receive?	
4	A bakery sells cupcakes for \$2 each and cookies for \$3 each. If Sarah buys 4 cupcakes and 5 cookies, how much does she spend in total?	
5	Liam watched 5 movies last week. Each movie was 2 hours long. How many hours did Liam spend watching movies last week?	
6	During a school fundraiser, each student sold 15 boxes of cookies. If there are 20 students participating, how many boxes of cookies were sold in total?	
7	A football team scored 28 points in the first half of the game and 35 points in the second half. How many points did the team score in total?	
8	At a birthday party, there were 8 kids playing games. If each kid played 3 games, how many games were played in total?	
9	A train travels at a speed of 60 miles per hour. How far will it travel in 3.5 hours?	
10	Jenny bought 5 notebooks for \$2 each and 3 pens for \$1.50 each. How much did Jenny spend in total?	
11	Sarah is 4 years older than her brother Tim. If Tim is 10 years old, how old is Sarah?	

12	A fruit basket contains 12 apples and 8 oranges. If 4 apples are taken out, how many pieces of fruit remain in the basket?	
13	A water bottle holds 1.5 liters of water. If you fill it with 4 bottles of water, how many liters of water do you have in total?	
14	A car travels 250 miles on 10 gallons of gas. How many miles can the car travel on 15 gallons of gas?	
15	A cookie recipe calls for 2 cups of flour to make 24 cookies. How many cups of flour are needed to make 48 cookies?	
16	A sports team has 15 players. If 9 players are boys, how many players are girls?	
17	In a classroom, there are 24 desks. If 18 desks are occupied, how many desks are empty?	
18	A pencil box can hold 30 pencils. If you already have 22 pencils, how many more can you add to the box?	
19	An ice cream shop sells scoops of ice cream for \$3 each. If a customer buys 5 scoops, how much do they spend?	
20	A marathon is 26 miles long. If Sarah has run 10 miles so far, how many more miles does she need to run to finish?	

Answer Key

1	24 books	2	10 feet
3	\$5	4	\$23
5	10 hours	6	300 boxes
7	63 points	8	24 games
9	210 miles	10	\$14.50
11	14 years old	12	16 pieces
13	6 liters	14	375 miles
15	4 cups	16	6 girls
17	6 empty desks	18	8 pencils
19	\$15	20	16 miles