

# Math Word Problems

Term 2

Stage 3



In science , the students needed to measure a plant's growth over time. The first week, the plant was 5 cm tall. It tripled in size the second week, and then grew another 1.9 cm the third week. How tall was the plant after 3 weeks?



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Think: what is the problem asking me to do, what information is relevant and necessary for solving the problem.

**Step 2: Decide on a Strategy**

How would you solve this problem? Draw a sketch, graph or table. Write a number sentence. Break the problem into smaller parts.

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Think; Does this make sense? Have I answered the question? Is there a simpler way to do this?



Ronnie is in the orchestra. Joan is in the band. There are 39 students in the orchestra and twice that number in the band. There are 23 boys and 13 girls in the choir. If each student only participates in one group, how many students total are there in the orchestra, the band, and the choir?



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There are 30 students in the class. If  $\frac{1}{3}$  of the class are boys and  $\frac{1}{2}$  of the girls are blue eyed. How many girls are blue eyed?



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Emma is 5 years younger than her brother, who is half her father's age. If her father is 10 years older than her mother, who is 47, how old is Emma?



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Nicole always takes the same route when she walks her dog. First, she walks 7 blocks to the park. Then she walks 9 blocks to the primary school. Finally, she walks 12 blocks to get back home.

Nicole walks her dog 2 times each day. How many blocks does Nicole's dog walk each day?



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The hippo at the zoo weighs 145 kilos. It is five times heavier than the baby hippo. How much does the baby hippo weigh?



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Which one of these equals 564?

a.  $5 + 6 + 4$

b.  $50 + 60 + 40$

c.  $500 + 40 + 6$

d.  $500 + 60 + 4$



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There are 834 coins in Joey's coin collection. He has 289 ~10 cent pieces, 176 ~ dollar coins, and 113~ 2 dollar coins.

The rest of the coins are 50 cent pieces. How many 50 cent pieces does Joey have in his collection?



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Charlie wants to ride the Ferris wheel, the roller coaster, and the dodgem cars. The Ferris wheel costs 5 tickets, the roller coaster costs 7 tickets and the dodgem cars costs 12 tickets. Charlie has 5 tickets. How many more tickets should Charlie buy?



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David and Sarah both bought a T-shirt and hat.  
They each spent the same amount of money.  
David's T-shirt cost \$28.90 and his hat cost \$21.10.  
Sarah's T-shirt cost \$30.95.  
How much did Sarah's hat cost?



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OCTOBER						
Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



What date is the third Sunday on this calendar?

- a. 27 October
- b. 20 October
- c. 13 October
- d. 6 October



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Louise made 4 stacks of wooden blocks. The first stack was 6 blocks tall. The second stack was 3 blocks taller than the first. The third stack was 2 blocks shorter than the second stack, and the last stack was 5 blocks taller than the third stack. How many blocks did Louise use in all?



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Linda is packing 38 cakes into boxes.  
Each full box holds 5 cakes.  
What is the smallest number of boxes Linda needs  
to pack all the cakes?



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A rectangular paddock has a perimeter of 50 metres.  
Each long side has a length of 15 metres.  
What is the length of each short side?



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A factory produced 2800 TV sets in its first year of production. 4580 sets were produced in its second year and 503 more sets were produced in its third year than in its second year. How many TV sets were produced in three years



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Melanie had \$35 and withdraw some more money from her bank account. She bought a pair of jeans at \$34.00, two dresses at \$16.00 each and 2 pairs of shoes at \$24.00 each. After the shopping, she had \$32.00 left. How much money did Melanie withdraw from the bank?



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