

Object: Solve multi-step word problems that require a combination of arithmetic operations.

1	<p>A school has 81 boys and the number of girls is 5 times the number of boys, the students are divided into 9 classes. How many students are there in each class?</p> <p>Girls = $5 * 81 = 405$ Total = $405 + 81 = 486$ Number of students in each class = $486 \div 9 = 54$</p>
2	<p>Sarah received \$352 for her birthday; she found some toys that cost \$8 each. How many toys could she buy?</p> <p>Number of toys to buy = $352 \div 8 = 44$</p>
3	<p>3 families went to the zoo; each family has 2 adults and 2 children. The child's ticket costs \$14 and the adult's ticket costs \$22. What is the cost of the total tickets?</p> <p>Total children = $3 * 2 = 6$ Total adults = $3 * 2 = 6$ Total cost of tickets = $6 * 14 + 6 * 22 = \\$216$</p>
4	<p>A teacher bought 12 backs of crayons, 7 backs have 9 crayons in them; the remaining backs have 10 crayons in each. How many crayons did the teacher buy in all?</p> <p>Crayons = $7 * 9 + (12 - 7) * 10 = 113$</p>
5	<p>There are about 1400 tourists visiting the pyramids each weekend. How many tourists visiting the pyramids in 3 months?</p> <p>3 months = $3 * 4 \text{ weekend} = 12 \text{ weekend}$ Total tourists = $12 * 1400 = 16,800$</p>
6	<p>Bill has a book of 500 pages, the first week he read a fifth of the book, and the second week he read half the remaining. How many pages are remaining to read?</p> <p>Pages of first week = $\frac{1}{5} * 500 = 100$ Remaining = $500 - 100 = 400$ Pages of second week = $\frac{1}{2} * 400 = 200$ Remaining = $400 - 200 = 200$</p>
7	<p>There are 576 books in a library distributed over 3 cupboards. How many books in each cupboard?</p> <p>The number of books in each cupboard = $576 \div 3 = 192$</p>



8	<p>Sandra bought a book of stickers that has 20 pages, each page has 12 stickers. She will give the stickers to her 4 friends, how many stickers for each friend?</p> <p>Total stickers = $20 * 12 = 240$ The stickers for each friend = $240 \div 4 = 60$</p>
9	<p>A teacher has 55 candy bars and he will distribute them equally among 8 students, What are the remaining bars with him after the distribution?</p> <p>$55 \div 8 =$ Quotient 6 and the remaining is 7 Each student will take 6 bars and the 7 remaining with teacher.</p>
10	<p>Andy traveled 240 kilometers in 3 hours and his brother traveled the same distance in 4 hours. What is the difference in distance traveled between them in one hour?</p> <p>The distance Andy traveled in one hour = $240 \div 3 = 80$ kilometers The distance the brother traveled in one hour = $240 \div 4 = 60$ kilometers The difference = $80 - 60 = 20$ kilometers</p>

