**Answers to the Word Problems**

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| Number | Problem | Solution |
| 1 | Sarah earns $25 per week from her allowance. She wants to save $150 to buy a new tablet.  How many weeks will it take her to save enough money? | $150 / 25 = **6 weeks**. |
| 2 | Emily wants to save 20% of her $40 weekly allowance. How much money will she save each week? | $40 \* 0.20 = **$8** |
| 3 | A club is planning a pizza party. They have a budget of $60. If each pizza costs $12, how many pizzas can they buy? | $60 / 12 = **5 pizzas** |
| 4 | John saves $5 each week. He wants to buy a video game that costs $80. How many weeks will it take him to save enough money? | $80 / 5 = **16 weeks** |
| 5 | A store offers a 20% discount on a $50 pair of shoes. How much will the shoes cost after the discount? | Discount: $50 \* 0.20 =  $10. Final price: $50 -  $10 = **$40.** |
| 6 | A video game costs $35 at store #1 and $40 at store #2. If you have a coupon for 10% off at store #2, which store offers the better price? | 10% discount: $40 \*  0.10 = $4. Discounted price: $40 - $4 = $36. Solution: **Store #1** |
| 7 | You want to buy a book that costs $15. You have a gift card for $8. How much more money do you need? | $15 - $8 = **$7**. |
| 8 | A store is having a "buy one, get one 50% off" sale. If a shirt costs $20, how much will two shirts cost? | Second shirt discount:  $20 \* 0.50 = $10.  Total cost: $20 + $10 =  **$30**. |
| 9 | You put $200 into a savings account that earns 5% simple interest per year. How much interest will you earn in one year? | $200 \* 0.05 = **$5** |

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| 10 | If you save $10 a week, how much will you have saved in 52 weeks (one year)? | $10 \* 52 = **$520.** |
| 11 | You borrow $50 from a friend and agree to pay it back with 10% interest. How much do you owe your friend in total? | Interest: $50 \* 0.10 =  $5. Total owed: $50  + $5 = **$55.** |
| 12 | A lemonade stand earned $65 in one day. If the cost of supplies was $15, how much profit did they make? | $65 - $15 = **$50.** |
| 13 | If you spend $12 per month on a streaming service, how much do you spend in a year? | $12 \* 12 = **$144**. |
| 14 | Liam gets $15 a week for allowance. He wants to buy a skateboard that costs $135. If he saves all his allowance, how many weeks will it take him? | $135 / 15 = **9** weeks. |
| 15 | Maya earns $60 weekly from babysitting. She saves 30% of it. How much does she save each week? | $60 \* 0.30 = **$18** |
| 16 | A school club has a budget of $120 for snacks.  They want to buy chips that cost $4 per bag  and drinks that cost $2 per bottle. If they buy 15 bags of chips, how many bottles of drinks can they buy? | Chips cost: 15 \* $4 =  $60. Remaining budget: $120 - $60 =  $60.  Drinks: $60 /$2 = **30 bottles**. |
| 17 | If you save $8 every week, how much will you have saved after 10 weeks? | $8 \* 10 = **$80**. |
| 18 | You want to save $300 in a year. How much do you need to save each month? | $300 / 12 = **$25**. |
| 19 | If you increase your weekly savings from $5 to  $8, how much more will you save in a year (52 weeks in 1 year)? | Increase per week:  $8 - $5 = $3. Increase per year:  $3 \* 52 = **$156** |
| 20 | A store offers a 25% discount on a $80 item. How much will you save? | $80 \* 0.25 = **$20.** |
| 21 | A book costs $18, but you have a coupon for $5 off. What is the final price? | $18 - $5 = **$13**. |

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| 22 | You want to start a small business selling handmade bracelets. You estimate the cost of materials to be $2 per bracelet and plan to sell them for $5 each. How many bracelets do you need to sell to make a $30 profit? | Profit per bracelet: $5 -  $2 = $3. Bracelets needed:  $30 / $3 = **10 bracelets.** |
| 23 | A store is having a 30% off sale. If a pair of jeans originally cost $50, what is the sale price? | Discount: $50 \* 0.30 =  $15. Sale price: $50 -  $15 = **$35** |
| 24 | You put $200 in a savings account that earns 3% simple interest per year. How much interest will you earn in 2 years? | Interest per year:  $200 \* 0.03 = $6.  Interest for 2 years: $6 \* 2 = **$12.** |
| 25 | If a pack of gum costs $1.50, how much will 4 packs cost? | $1.50 \* 4 = **$6.** |

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