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| Year | | Simple Interest and Percentage Applications Practice Test | | Non Calculator |
| Short Answer Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Write all working and answers in the spaces provided on this Practice Test paper. | | | |
| 1. | Margie gets a 6% discount on a denim dress. If the dress normally costs $75.00, what did she pay after the discount?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 2. | An electrical store makes a 70% profit on the cost price of all of its sales. If the store sells a DVD player for $102, how much profit did they make on the sale?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 3. | Meko buys an MP4 player at this sale. If she saved $20 compared to the full price, how much did she pay for the MP4player?  **SALE**  **8% OFF**  **EVERYTHING**  .........................................................................................................................................................  ......................................................................................................................................................... | | | |
| 4. | A coat is offered for sale at a discount of 20%. Its price during the sale was $96.00. What did the coat cost before the discount?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 5. | The price of petrol dropped from $1.80 per litre to $1.20 per litre. Find the percentage decrease in price (to the nearest percent.)  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 6. | Maisie borrows $250 and pays simple interest on the principal for 3 years at 12% p.a. How much interest does she pay?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 7. | Justin invested $600.00 at 15% p.a simple interest for a period of time and earned $360.00 in interest. How long was the money invested for?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 8. | Phil needs to earn $400 in interest in 2 years. The best simple interest rate that he can find is 5% p.a. How much would he need to invest to achieve his aim of $400 in interest?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 9. | Andrea invests $5 000 at 8% p.a. simple interest for a period of 9 months. How much interest does she earn?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 10. | Candida is offered a loan that will see her earn $360 in simple interest from an investment of $1 200 for 6 years. What was the simple interest rate?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |

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| Year | | Simple Interest and Percentage Applications Practice Test | | Calculator |
| Multiple Choice Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Mark all your answers on the accompanying multiple choice answer sheet, not on this Practice Test paper. You may do any working out on this Practice Test paper. Calculators are allowed for this section. | | | |
| 1. | Justin buys a mobile phone during a promotion where a discount of 15% is given. The normal price of the phone is $540.00. What does Justin pay for the phone?  A. $81.00 B. $525.00 C. $459.00 D. $621.00 | | | |
| 2. | Aleisha goes to a sale that offers 30% off everything. She buys a dress which was originally priced at $125.40 What would she pay for this dress?  A. $95.40 B. $87.78 C. $37.62 D. $34.00 | | | |
| 3. | Raj puts 35% of his income into savings. How much is his income in a week when he saves $182.00?  A. $63.70 B. $245.70 C. $520.00 D. $702.00 | | | |
| 4. | Margie goes to a store that offers 6% discount on all dresses. If a dress costs $141.00 after the discount, what was its original price?  A. $84.60 B. $132.54 C. $150.00 D. $2 350.00 | | | |
| 5. | Jason invests $16 000 at 4% p.a for 5 years. How much interest does he earn?  A. $1 600 B. $3 200 C. $10 020 D. $19 200 | | | |
| 6. | Calculate the simple interest on $1200 for 5 months at 6% per annum.  A. $30 B. $72 C. $360 D. $3000 | | | |
| 7. | Kim buys a bike for $200 and sells it to Chris for $150. Which of the following is true?  A Kim makes a loss of % on cost price  B Kim makes a loss of 50 % on cost price  C Kim makes a loss of 25 % on cost price  D Kim makes a loss of 75 % on cost price | | | |
| 8. | Madisson invests the $600 that her grandmother gave her for her birthday in an account that pays 18% pa simple interest. How much interest does she earn if she leaves her money in the account for 9 months?  A. $972.00 B. $109.80 C. $81.00 D. $108.00 | | | |
| 9. | Jo borrows $3 000 at 8.5% p.a. simple interest. If she has to pay $1 020 in interest, what period was the loan taken over?  A. 1 year. B. 2 years. C. 3 years. D. 4 years. | | | |
| 10. | Manny invests the $1 500 he was given for his 18th birthday for 3 years and earns $225 in simple interest. What was the interest rate?  A. 5% p.a. B 5.5% p.a. C. 6% p.a. D. 6.5% p.a. | | | |
| 11. | A discount of 12% is given on an article priced at $45. What is its selling price?  A. $37.35 B. $39.60 C. $5.40 D. $26.00 | | | |
| 12. | Sean buys a video game for $85 and sells it later for $68. What is his percentage loss on the cost price?  A. 17% B. 20% C. 25% D. 80% | | | |

Simple Interest and Percentage Applications Practice Test

Multiple Choice Section

Answer Sheet

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Completely fill the response oval representing the most correct answer.

1. A B C D

2. A B C D

3. A B C D

4. A B C D

5. A B C D

6. A B C D

7. A B C D

8. A B C D

9. A B C D

10. A B C D

11. A B C D

12. A B C D