

# 5.6 Puzzle Time

## What Question Can You Never Answer Yes To?

Write the letter of each answer in the box containing the exercise number.

**Find the interest earned.**

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|--|--|
| 1. \$500 at 4% for 3 years             | 2. \$1200 at 7% for 5 years            |
| D. \$50    E. \$60    F. \$100         | A. \$420    B. \$240    C. \$400       |
| 3. \$750 at 6% for 18 months           | 4. \$1500 at 8.5% for 6 months         |
| T. \$58.50    U. \$67.50    V. \$56.75 | J. \$62.50    K. \$65.50    L. \$63.75 |

**Find the annual interest rate.**

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|---|---|
| 5. $I = \$200, P = \$1000, r = 4$ years   | 6. $I = \$30, P = \$600, t = 2$ years   |
| E. 5%    F. 6%    G. 7%                   | M. 1.5%    N. 2.25%    O. 2.5%          |
| 7. $I = \$150, P = \$2,500, t = 9$ months | 8. $I = \$75, P = \$800, t = 15$ months |
| R. 6%    S. 8%    T. 9%                   | D. 6.5%    E. 7.5%    F. 8.5%           |

**Find the amount of time.**

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|--|--|
| 9. $I = \$144, P = \$400, r = 6\%$       | 10. $I = \$236.25, P = \$750, r = 4.5\%$   |
| P. 3 years    Q. 4 years    R. 6 years   | N. 3 years    O. 5 years    P. 7 years     |
| 11. $I = \$87.5, P = \$3500, r = 5\%$    | 12. $I = \$108.75, P = \$2000, r = 7.25\%$ |
| W. 3 years    X. 3 months    Y. 6 months | A. 9 months    B. 6 months    C. 3 months  |

2	9	5		11	6	3		12	7	4	1	8	10
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