

Website Answers

Remember, there is more than one way to work most math questions.

- 1. D
- 2. C
- 3. A
- 4. D
- 5. A
- 6. B

$\begin{array}{r} \$14,000 \\ \hline \$200,000 \end{array} \Bigg 7\%$	$\begin{array}{r} \$12,000 \\ \hline \$200,000 \end{array} \Bigg 6\%$	$\begin{array}{r} \$14,000 \\ + 12,000 \\ \hline \$26,000 \end{array}$	$\begin{array}{r} \$33,500 \\ - 26,000 \\ \hline \$7,500 \end{array}$	$\begin{array}{r} \$7,500 \\ \hline \$150,000 \end{array} \Bigg 5\%$
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$$\$200,000 + \$200,000 + \$150,000 = \$550,000$$

$\begin{array}{r} \$937.50 \div \\ \hline \$3,750 \end{array} \Bigg 25\%$	$\begin{array}{r} \$3,750 \div \\ \hline \$7,500 \end{array} \Bigg 50\%$	$\begin{array}{r} \$7,500 \div \\ \hline \$250,000 \end{array} \Bigg 3\%$
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- 8. C
- 9. D
- 10. A
- 11. D
- 12. C
- 13. B
- 14. B
- 15. C $\$787.50 \times 12 = \9450 Annual interest \$

$\begin{array}{r} \$9,450 \div \\ \hline \$135,000 \end{array} \Bigg 7\%$	$\begin{array}{r} \$135,000 \div \\ \hline \$168,750 \end{array} \Bigg 80\%$
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- 16. D $640 \div 4 \div 2 = 80$
 $640 \div 4 \div 4 = 40$
 $120 \text{ acres} \times 43,560 = 5,227,200$

17. C

18. B $\$275,000 \div 475 = \578.947

19. A $475 \times 525 = 249,375 \div 43,560 = 5.7248$ acres $\$275,000 \div 5.7248 = \$48,036$

20. C $\$2.75 \div \$100 = .0275$ $\$144.375 \times 12 = \1732.50 $\frac{\$1732.50 \div}{\$63,000 \mid .0275}$

$$\begin{array}{r} \div \$63,000 \\ \hline \$140,000 \mid .45 \text{ or } 45\% \end{array}$$

21. A

22. C

23. A $\$969.12 \times 12 \times 20 = \$232,588.80$
 $\$232,588.80 - 125,000 = \$107,588.80$

24. B

25. D