Write t	he letter of the answer that matches the problem.		
	1. Alyssa bought a microwave worth \$30,000 in the year 2007. It loses its value by 5% per year. What is the value of the microwave in 2011?	a.	\$14,504.0
	2. Which of the following model is an exponential decay model? a) $y = 2 + 48t$ b) $y = 74 (2.65)^{t}$ c) $y = 7 (0.65)^{t}$ d) $y = 74t^{2}$	b.	\$23,213.4
	3. Lilly purchased a pan drive worth \$800 in the first month of the year. Its value depreciates by 2% per month. What will the value of pan drive after 6 months?	C.	\$1,440.60
	4. Bella purchased a hand blender worth \$1,500 in the year 2007. It loses its value by 2% per year. What is the value of the music system in 2009?	d.	y = 7 (0.65
	5. Which of the following model is an exponential decay model? a) $y = 40 (0.96)^{t}$ b) $y = 21 (1.96)^{t}$ c) $y = 22t^{2}$ d) $y = 1 + 7t$	e.	\$15,135.7
	6. Sophia bought a digital camera for \$17,500 in the year 2010. It loses its value by 7% per year. What is the value of the digital camera in 2012?	f.	y =40 (0.96) ^t
	7. Charlie bought an AC worth \$26,000 in the first month of the year. Its value depreciates by 8% per month. What will the value of the AC after 7 months?	g.	\$708.67

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