	Examining Y=KX Name:	
Solv	Answers	
1)	A florist used the equation 51=(17)3 to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 4 bouquets?	1
2)	The equation 81.76=(11.68)7 shows how much it cost for a company to buy 7 new uniforms. How much would it cost to buy 3 new uniforms?	2 3
3)	A baker used the equation Y=KX to calculate that he had made \$99.72 after selling 9 boxes of his cookies for \$11.08 each. How much would he have made had he sold 3 boxes?	4 5
4)	To determine how many pages would be needed to make 2 books you can use the equation, 146=(73)2. How many pages are in one book?	6 7
5)	A construction contractor used the equation Y=KX to determine it would cost him \$16.16 to buy 8 boxes of nails. How much is each box?	8. 9.
6)	An industrial printing machine printed 3114 pages in 9 minutes. How many pages did it print in one minute?	10
7)	The equation 34.65=k7 shows that buying 7 bags of apples would cost 34.65 dollars. How much is it for one bag?	v
8)	Paige used the equation 280=(40)7 to calculate many beads she would need to make 7 necklaces. How many beads would she need to make 9 necklaces?	
9)	A movie theater used $Y = \{VARKX\}$ to calculate how much money they made selling buckets of popcorn where Y is the total and K is the price per bucket. How much would they make if they sold 9 buckets?	
10)	An ice cream truck driver used the equation Y=KX to show how much money he made selling 3 ice cream bars. He determined he'd make \$3.66. How much did he make per bar sold?	
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Math

	Examining Y=KX Name: A	nswer Kev
Solve each problem.		
1)	A florist used the equation 51=(17)3 to determine how many flowers she'd need for 3 bouquets. How many flowers would she need for 4 bouquets?	1. <u>68</u>
2)	The equation $81.76 = (11.68)7$ shows how much it cost for a company to buy 7 new	2. \$35.04
,	uniforms. How much would it cost to buy 3 new uniforms?	3. <u>\$33.24</u>
3)	A baker used the equation Y=KX to calculate that he had made \$99.72 after selling 9 boxes of his cookies for \$11.08 each. How much would he have made had he sold 3 boxes?	5. \$2.02
4)	To determine how many pages would be needed to make 2 books you can use the equation, 146=(73)2. How many pages are in one book?	6. 540 7. \$4.95
5)	A construction contractor used the equation Y=KX to determine it would cost him \$16.16 to buy 8 boxes of nails. How much is each box?	8. 360 9. \$48.24
6)	An industrial printing machine printed 3114 pages in 9 minutes. How many pages did it print in one minute?	10. \$1.22
7)	The equation 34.65=k7 shows that buying 7 bags of apples would cost 34.65 dollars. How much is it for one bag?	
8)	Paige used the equation 280=(40)7 to calculate many beads she would need to make 7 necklaces. How many beads would she need to make 9 necklaces?	
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Math