	Examining Y=KX	Name:			
Solve each problem. Answers					
1)	Haley used the equation 144=(36)4 to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 3 necklaces?	1			
2)	To determine how many pages would be needed to make 6 books you can use the equation, 420=(70)6. How many pages are in one book?	2 3			
3)	A grocery store paid \$62.82 for 3 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?	4. 5.			
4)	An industrial printing machine printed 1386 pages in 7 minutes. How much would it have printed in 2 minutes?	6 7			
5)	At the hardware store you can buy 2 boxes of bolts for 6.30 . This can be expressed by the equation $6.30=(3.15)2$. How much would it cost for 7 boxes?	8 9			
6)	The equation 74.82=(12.47)6 shows how much it cost for a company to buy 6 new uniforms. How much would it cost to buy 4 new uniforms?	10			
7)	A construction contractor used the equation Y=KX to determine it would cost him \$12.95 to buy 7 boxes of nails. How much is each box?				
8)	The equation 37.76=(4.72)8 shows how much money you would make for recycling 8 pounds of cans. How much do you make per pound recycled?				
9)	Using the equation 26.55=k5 you can calculate how much it would cost to buy 5 bags of apples. How much would it cost for 5 bags?				
10)	A florist used the equation Y=KX to determine how many flowers she'd need for 6 bouquets. She determined she'd need 144 flowers. How many flowers were in each bouquet?				
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	Examining Y=KX Name: Ar	nswer Ke	y		
Solve each problem. Answers					
1)	Haley used the equation 144=(36)4 to calculate many beads she would need to make 4 necklaces. How many beads would she need to make 3 necklaces?	1	108		
		2	70		
2)	To determine how many pages would be needed to make 6 books you can use the equation, 420=(70)6. How many pages are in one book?	3.	\$20.94		
		4	396		
3)	A grocery store paid \$62.82 for 3 crates of milk. This can be expressed by the equation Y=KX. How much was it for one crate?	5.	\$22.05		
			\$49 88		
4)	An industrial printing machine printed 1386 pages in 7 minutes. How much would it have printed in 2 minutes?	6 7	\$1.85		
			\$4 72		
5)	At the hardware store you can buy 2 boxes of bolts for \$6.30. This can be expressed by the equation $6.30=(3.15)2$. How much would it cost for 7 boxes?	8 9	\$26.55		
	inden would it cost for 7 boxes.		24		
6)	The equation 74.82=(12.47)6 shows how much it cost for a company to buy 6 new uniforms. How much would it cost to buy 4 new uniforms?	10	24		
7)	A construction contractor used the equation Y=KX to determine it would cost him \$12.95 to buy 7 boxes of nails. How much is each box?				
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9)	Using the equation 26.55=k5 you can calculate how much it would cost to buy 5 bags of apples. How much would it cost for 5 bags?				
10)	A florist used the equation Y=KX to determine how many flowers she'd need for 6 bouquets. She determined she'd need 144 flowers. How many flowers were in each bouquet?				