Direct proportion. Worksheet

1. 5 tickets for the theatre cost \$45. Calculate the cost of:

a. 1 ticket

b. Gallons in 40 pints

	b. 3 tickets
	C. 11 tickets
	2. You need 240 g of flour to make 10 cupcakes. Calculate the amount of flour needed to make
•	a. 1 CupCake
	b. 4 Cupcakes
	C. 13 CupCakes
	3. Chris buys 7 pencils for 56 cents. Calculate the cost of:
	a. 2 pencils
	b. 6 pencils
	c. 10 pencils
4	4. A cleaner charge \$72 for 6 hours of cleaning.
	a. How much does the cleaner charge for 2 hours of cleaning?
	b. How much does the cleaner charge for 9 hours of cleaning?
	5. A 3 m ribbon cost \$1.35. Calculate the cost of:
	a. A 2 m ribbon
	b. A 12 m ribbon
(5. 1 foot is approximately equivalent to 30 C.
	Calculate the approximate length of:
	a. 3 feet in cm
	b. 8 feet in Cm
	C. 300 Cm in feet
	d. 90 Cm in feet
:	7. There are 8 pints in 1 gallon.
	Calculate the number of:
	a. Pints in 3 gallons

8. Complete the sentences with the key terms from the box.

Ratio d	ividing	part	simplify	proportion	whole	multiplying	commo factor
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A	compares two	quantities	directly to	each other (whereas a	
Compares a single	quantity to the					
You can	both prop	ortions and	ratios by divi	iding by a		
You can use prop	ortional reasonir	g to solve	problems inv	olving findin	ng the valu	le per item by
o	r, if you know	the value of	f one item,	finding the	value of	more items by