Name: _____

Capacity Measurement Conversions

1 pint = 2 cups	1 quart = 2 pints	1 gallon = 4 quarts

12 gallons = _____ quarts

A macaroni and cheese recipe calls for 4 cups of cheddar cheese, 2 cups of gouda cheese, and 2 cups of monterey jack cheese. If the recipe is tripled, how many pints of cheese would be needed?

Show your work.

answer: _____

Complete the table.

1 gallon	2 gallons		4 gallons
4 quarts		12 quarts	
	16 pints		32 pints
16 cups		48 cups	

Compare using the symbols <, >, and =.

14 pints ◯ 8 quarts

3 gallons ◯ 12 quarts

36 cups ◯ 16 pints

A restaurant ordered 15 gallons and 2 quarts of ketchup. How many quarts of ketchup did the restaurant order?

Show your work.

answer: _____

96 quarts = _____ gallons

Capacity Measurement Conversions

| 1 pint = 2 cups | 1 quart = 2 pints | 1 gallon = 4 quarts |

12 gallons = __**48**__ quarts

Compare using the symbols <, >, and =.

14 pints (**<**) 8 quarts

3 gallons (**=**) 12 quarts

36 cups (**>**) 16 pints

A macaroni and cheese recipe calls for 4 cups of cheddar cheese, 2 cups of gouda cheese, and 2 cups of monterey jack cheese. If the recipe is tripled, how many pints of cheese would be needed?

Show your work.

$4 + 2 + 2 = 8$ $8 \times 3 = 24$

$24 \div 2 = 12$

answer: __**12 pints**__

A restaurant ordered 15 gallons and 2 quarts of ketchup. How many quarts of ketchup did the restaurant order?

Show your work.

$15 \times 4 = 60$ $60 + 2 = 62$

answer: __**62 quarts**__

Complete the table.

1 gallon	2 gallons	**3 gallons**	4 gallons
4 quarts	**8 quarts**	12 quarts	**16 quarts**
8 pints	16 pints	**24 pints**	32 pints
16 cups	**32 cups**	48 cups	**64 cups**

96 quarts = __**24**__ gallons

KH