

Measuring Capacity in Cups, Pints, and Quarts

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Compare the amounts. Write $<$, $>$, or $=$ in each .

1 1 quart 1 pint

2 2 cups 1 pint

3 1 cup 1 quart

4 1 quart 3 pints

5 1 pint 1 cup

6 3 cups 1 quart

Write the missing number to make each statement true.

7 1 pint = _____ cups

8 1 quart = _____ pints

9 1 quart = _____ cups

10 _____ pints = 4 cups

11 6 pints = _____ quarts

12 _____ cups = 3 pints

Solve.

13 Howie filled a pint container halfway. How many more cups does he need to fill the container completely?

_____ cup(s)

14 Sharon poured 3 cups of water out of a filled 2-pint container. How many cups were left?

_____ cup(s)

15 Rebecca used a pint container to fill a quart container with water. How many times did she fill the pint container?

_____ times

16 Carl needed a quart of milk for his special smoothies. He had 3 cups of milk. Did he have enough?

yes no

17 Jen bought a pint of juice at the store and shared it equally with a friend. How much did each child get?

18 Lizzie gave each of her 6 friends a cup of milk. How many pints is that?

_____ pints

19 Challenge Peter poured 6 cups of water into a 2-quart container. Did he fill the container?

yes no

20 Challenge James emptied half of a 2-quart container into pint containers. He poured the rest into cups. How many cups did he fill?

_____ cups