

How many ways to fill a jug?

Answers:

Challenge 1:

- a) 2 bottles
- b) 4 bottles
- c) 5 cups
- d) 10 cups

Challenge 2:

- a) 2 jars
- b) 8 bottles
- c) 16 jars
- d) 20 cups
- e) 1 bottle, 2 jars, 15 cups
- 1 bottle, 6 jars, 10 cups
- 1 bottle, 10 jars, 5 cups
- 1 bottle, 16 jars
- 2 bottles, 4 jars, 10 cups
- 2 bottles, 8 jars, 5 cups
- 2 bottles, 12 jars
- 2 bottles, 15 cups
- 3 bottles, 2 jars, 10 cups

3 bottles, 6 jars, 5 cups

3 bottles, 10 jars

4 bottles, 4 jars, 5 cups

4 bottles, 8 jars

4 bottles, 10 cups

5 bottles, 2 jars, 5 cups

5 bottles, 6 jars

6 bottles, 4 jars

6 bottles, 5 cups

7 bottles, 2 jars