

Grade: 4 Category: Measurements Capacity

Subcategory: Converting between cups, pints, quarts and gallons

Worksheet #: 17Q

## Convert the following questions.

1. Convert 3 pints to cups.

6. Convert 5 pints to quarts.

11. If there are 7 pints of milk, how many cups is this?

2. How many quarts are there in 12 cups?

7. If a jug contains 3 quarts of juice, how many cups is this?

12. How many gallons are there in 36 cups?

3. Convert 2 gallons to quarts.

8. Convert 10 cups to pints.

13. Convert 4 quarts to cups.

4. If there are 8 cups of water in a pitcher, how many pints is this?

9. How many quarts are there in 3 gallons?

14. How many pints are there in 5 quarts?

5. How many gallons are there in 24 quarts?

10. Convert 2 gallons to cups.

15. Convert 3 gallons to pints.



Grade: 4 Category: Measurements Capacity Subcategory: Converting between cups, pints, quarts and gallons

Worksheet #: 17A

Convert the following questions.

- 1. Convert 3 pints to cups.
- Answer: 6 cups (1 pint = 2 cups, so 3 pints = 3 x 2 cups = 6 cups)
- 2. How many quarts are there in 12 cups?
- Answer: 3 quarts (1 quart = 4 cups, so 12 cups = 12 ÷ 4 = 3 quarts)
- 3. Convert 2 gallons to guarts.
- Answer: 8 quarts (1 gallon = 4 quarts, so 2 gallons = 2 x 4 quarts = 8 quarts)
- 4. If there are 8 cups of water in a pitcher, how many pints is this?
- Answer: 4 pints (1 pint = 2 cups, so 8 cups = 8 ÷ 2 = 4 pints)
- 5. How many gallons are there in 24 quarts?
- Answer: 6 gallons (1 gallon = 4 quarts, so 24 quarts = 24 ÷ 4 = 6 gallons)

- 6. Convert 5 pints to quarts.
- Answer: 2.5 quarts (1 quart = 2 pints, so 5 pints = 5 ÷ 2 = 2.5 quarts)
- 7. If a jug contains 3 quarts of juice, how many cups is this?
- Answer: 12 cups (1 quart = 4 cups, so 3 quarts = 3 x 4 = 12 cups)
- 8. Convert 10 cups to pints.
- Answer: 5 pints (1 pint = 2 cups, so 10 cups =  $10 \div 2 = 5$  pints)
- 9. How many quarts are there in 3 gallons?
- Answer: 12 quarts (1 gallon = 4 quarts, so 3 gallons = 3 x 4 = 12 quarts)
- 10. Convert 2 gallons to cups.
- Answer: 32 cups (1 gallon = 16 cups, so 2 gallons = 2 x 16 = 32 cups)

- 11. If there are 7 pints of milk, how many cups is this?
- Answer: 14 cups (1 pint = 2 cups, so 7 pints = 7 x 2 = 14 cups)
- 12. How many gallons are there in 36 cups?
- Answer: 2.25 gallons (1 gallon = 16 cups, so 36 cups = 36 ÷ 16 = 2.25 gallons)
- 13. Convert 4 quarts to cups.
- Answer: 16 cups (1 quart = 4 cups, so 4 quarts = 4 x 4 = 16 cups)
- 14. How many pints are there in 5 quarts?
- Answer: 10 pints (1 quart = 2 pints, so 5 quarts = 5 x 2 = 10 pints)
- 15. Convert 3 gallons to pints.
- Answer: 24 pints (1 gallon = 8 pints, so 3 gallons = 3 x 8 = 24 pints)