

Converting Liquid Measures (A)

Convert the liquid measures in the problems below.

___ quarts = 5 gallons

12 cups = ___ quarts

___ quarts = 200 fluid ounces

40 fluid ounces = ___ pints

___ cups = 40 fluid ounces

___ cups = 3 gallons

___ fluid ounces = 5 gallons

___ gallons = 16 pints

2 quarts = ___ fluid ounces

___ cup = 10 fluid ounces

How many fluid ounces are in 3 pints?

How many pints are in 4 gallons?

How many cups are in 5 pints?

How many fluid ounces are in 3 pints?

How many pints are in 4 quarts?

Underline the greater volume: 120 fluid ounces 5 quarts

Underline the lesser volume: 20 fluid ounces 3 cups

Converting Liquid Measures (A) Answers

Convert the liquid measures in the problems below.

___ quarts = 5 gallons
20 quarts

12 cups = ___ quarts
3 quarts

___ quarts = 200 fluid ounces
5 quarts

40 fluid ounces = ___ pints
2 pints

___ cups = 40 fluid ounces
4 cups

___ cups = 3 gallons
48 cups

___ fluid ounces = 5 gallons
800 fluid ounces

___ gallons = 16 pints
2 gallons

2 quarts = ___ fluid ounces
80 fluid ounces

___ cup = 10 fluid ounces
1 cup

How many fluid ounces are in 3 pints?

60 fluid ounces

How many pints are in 4 gallons?

32 pints

How many cups are in 5 pints?

10 cups

How many fluid ounces are in 3 pints?

60 fluid ounces

How many pints are in 4 quarts?

8 pints

Underline the greater volume: 120 fluid ounces 5 quarts

Underline the lesser volume: 20 fluid ounces 3 cups

Converting Liquid Measures (B)

Convert the liquid measures in the problems below.

$800 \text{ fluid ounces} = \underline{\quad} \text{ gallons}$

$\underline{\quad} \text{ pints} = 6 \text{ cups}$

$4 \text{ pints} = \underline{\quad} \text{ cups}$

$80 \text{ cups} = \underline{\quad} \text{ gallons}$

$1 \text{ quart} = \underline{\quad} \text{ cups}$

$\underline{\quad} \text{ cups} = 1 \text{ pint}$

$\underline{\quad} \text{ cups} = 3 \text{ quarts}$

$8 \text{ cups} = \underline{\quad} \text{ pints}$

$\underline{\quad} \text{ cups} = 30 \text{ fluid ounces}$

$\underline{\quad} \text{ cups} = 2 \text{ gallons}$

How many fluid ounces are in 1 gallon?

How many cups are in 3 pints?

How many cups are in 2 gallons?

How many cups are in 4 pints?

How many quarts are in 4 gallons?

Underline the greater volume: 480 fluid ounces 5 gallons

Underline the lesser volume: 200 fluid ounces 9 quarts

Converting Liquid Measures (B) Answers

Convert the liquid measures in the problems below.

800 fluid ounces = ____ gallons
5 gallons

____ pints = 6 cups
3 pints

4 pints = ____ cups
8 cups

80 cups = ____ gallons
5 gallons

1 quart = ____ cups
4 cups

____ cups = 1 pint
2 cups

____ cups = 3 quarts
12 cups

8 cups = ____ pints
4 pints

____ cups = 30 fluid ounces
3 cups

____ cups = 2 gallons
32 cups

How many fluid ounces are in 1 gallon?

160 fluid ounces

How many cups are in 3 pints?

6 cups

How many cups are in 2 gallons?

32 cups

How many cups are in 4 pints?

8 cups

How many quarts are in 4 gallons?

16 quarts

Underline the greater volume: 480 fluid ounces

5 gallons

Underline the lesser volume: 200 fluid ounces

9 quarts

Converting Liquid Measures (C)

Convert the liquid measures in the problems below.

$$\underline{\hspace{1cm}} \text{ cup} = 10 \text{ fluid ounces}$$

$$\underline{\hspace{1cm}} \text{ cups} = 3 \text{ pints}$$

$$\underline{\hspace{1cm}} \text{ gallons} = 64 \text{ cups}$$

$$3 \text{ pints} = \underline{\hspace{1cm}} \text{ cups}$$

$$640 \text{ fluid ounces} = \underline{\hspace{1cm}} \text{ gallons}$$

$$6 \text{ cups} = \underline{\hspace{1cm}} \text{ pints}$$

$$\underline{\hspace{1cm}} \text{ quarts} = 8 \text{ cups}$$

$$30 \text{ fluid ounces} = \underline{\hspace{1cm}} \text{ cups}$$

$$16 \text{ cups} = \underline{\hspace{1cm}} \text{ gallon}$$

$$\underline{\hspace{1cm}} \text{ gallons} = 24 \text{ pints}$$

How many pints are in 4 quarts?

How many fluid ounces are in 1 quart?

How many cups are in 2 gallons?

How many cups are in 1 pint?

How many fluid ounces are in 4 pints?

Underline the greater volume: 103 fluid ounces 5 pints

Underline the lesser volume: 40 fluid ounces 7 pints

Converting Liquid Measures (C) Answers

Convert the liquid measures in the problems below.

___ cup = 10 fluid ounces
1 cup

___ cups = 3 pints
6 cups

___ gallons = 64 cups
4 gallons

3 pints = ___ cups
6 cups

640 fluid ounces = ___ gallons
4 gallons

6 cups = ___ pints
3 pints

___ quarts = 8 cups
2 quarts

30 fluid ounces = ___ cups
3 cups

16 cups = ___ gallon
1 gallon

___ gallons = 24 pints
3 gallons

How many pints are in 4 quarts? 8 pints

How many fluid ounces are in 1 quart? 40 fluid ounces

How many cups are in 2 gallons? 32 cups

How many cups are in 1 pint? 2 cups

How many fluid ounces are in 4 pints? 80 fluid ounces

Underline the greater volume: 103 fluid ounces 5 pints

Underline the lesser volume: 40 fluid ounces 7 pints

Converting Liquid Measures (D)

Convert the liquid measures in the problems below.

___ pints = 1 quart

___ fluid ounces = 4 pints

___ fluid ounces = 4 cups

80 fluid ounces = ___ pints

5 pints = ___ fluid ounces

___ fluid ounces = 1 gallon

___ cups = 3 pints

___ fluid ounces = 2 cups

64 cups = ___ gallons

___ quarts = 10 pints

How many quarts are in 4 gallons?

How many cups are in 5 quarts?

How many fluid ounces are in 1 gallon?

How many pints are in 5 gallons?

How many cups are in 3 pints?

Underline the greater volume:

12 cups

5 pints

Underline the lesser volume:

20 fluid ounces

7 cups

Converting Liquid Measures (D) Answers

Convert the liquid measures in the problems below.

___ pints = 1 quart
2 pints

___ fluid ounces = 4 pints
80 fluid ounces

___ fluid ounces = 4 cups
40 fluid ounces

80 fluid ounces = ___ pints
4 pints

5 pints = ___ fluid ounces
100 fluid ounces

___ fluid ounces = 1 gallon
160 fluid ounces

___ cups = 3 pints
6 cups

___ fluid ounces = 2 cups
20 fluid ounces

64 cups = ___ gallons
4 gallons

___ quarts = 10 pints
5 quarts

How many quarts are in 4 gallons?

16 quarts

How many cups are in 5 quarts?

20 cups

How many fluid ounces are in 1 gallon?

160 fluid ounces

How many pints are in 5 gallons?

40 pints

How many cups are in 3 pints?

6 cups

Underline the greater volume:

12 cups

5 pints

Underline the lesser volume:

20 fluid ounces

7 cups

Converting Liquid Measures (E)

Convert the liquid measures in the problems below.

$32 \text{ cups} = \underline{\hspace{1cm}} \text{ gallons}$

$5 \text{ pints} = \underline{\hspace{1cm}} \text{ cups}$

$\underline{\hspace{1cm}} \text{ quarts} = 10 \text{ pints}$

$\underline{\hspace{1cm}} \text{ quarts} = 80 \text{ fluid ounces}$

$2 \text{ cups} = \underline{\hspace{1cm}} \text{ pint}$

$320 \text{ fluid ounces} = \underline{\hspace{1cm}} \text{ gallons}$

$\underline{\hspace{1cm}} \text{ quarts} = 4 \text{ gallons}$

$\underline{\hspace{1cm}} \text{ quarts} = 10 \text{ pints}$

$30 \text{ fluid ounces} = \underline{\hspace{1cm}} \text{ cups}$

$160 \text{ fluid ounces} = \underline{\hspace{1cm}} \text{ quarts}$

How many fluid ounces are in 4 pints?

How many cups are in 1 gallon?

How many fluid ounces are in 4 pints?

How many cups are in 5 gallons?

How many cups are in 4 pints?

Underline the greater volume:

22 cups

5 quarts

Underline the lesser volume:

8 quarts

5 gallons

Converting Liquid Measures (E) Answers

Convert the liquid measures in the problems below.

32 cups = ____ gallons
2 gallons

5 pints = ____ cups
10 cups

____ quarts = 10 pints
5 quarts

____ quarts = 80 fluid ounces
2 quarts

2 cups = ____ pint
1 pint

320 fluid ounces = ____ gallons
2 gallons

____ quarts = 4 gallons
16 quarts

____ quarts = 10 pints
5 quarts

30 fluid ounces = ____ cups
3 cups

160 fluid ounces = ____ quarts
4 quarts

How many fluid ounces are in 4 pints?

80 fluid ounces

How many cups are in 1 gallon?

16 cups

How many fluid ounces are in 4 pints?

80 fluid ounces

How many cups are in 5 gallons?

80 cups

How many cups are in 4 pints?

8 cups

Underline the greater volume:

22 cups

5 quarts

Underline the lesser volume:

8 quarts

5 gallons

Converting Liquid Measures (F)

Convert the liquid measures in the problems below.

$$\underline{\hspace{1cm}} \text{ cups} = 40 \text{ fluid ounces}$$

$$\underline{\hspace{1cm}} \text{ gallons} = 24 \text{ pints}$$

$$12 \text{ cups} = \underline{\hspace{1cm}} \text{ quarts}$$

$$4 \text{ quarts} = \underline{\hspace{1cm}} \text{ cups}$$

$$1 \text{ cup} = \underline{\hspace{1cm}} \text{ fluid ounces}$$

$$\underline{\hspace{1cm}} \text{ pints} = 40 \text{ fluid ounces}$$

$$\underline{\hspace{1cm}} \text{ pints} = 10 \text{ cups}$$

$$\underline{\hspace{1cm}} \text{ fluid ounces} = 4 \text{ gallons}$$

$$\underline{\hspace{1cm}} \text{ fluid ounces} = 2 \text{ gallons}$$

$$4 \text{ cups} = \underline{\hspace{1cm}} \text{ pints}$$

How many fluid ounces are in 4 gallons?

How many fluid ounces are in 3 pints?

How many pints are in 5 quarts?

How many cups are in 3 pints?

How many quarts are in 3 gallons?

Underline the greater volume:

8 pints

3 quarts

Underline the lesser volume:

6 pints

4 quarts

Converting Liquid Measures (F) Answers

Convert the liquid measures in the problems below.

___ cups = 40 fluid ounces
4 cups

___ gallons = 24 pints
3 gallons

12 cups = ___ quarts
3 quarts

4 quarts = ___ cups
16 cups

1 cup = ___ fluid ounces
10 fluid ounces

___ pints = 40 fluid ounces
2 pints

___ pints = 10 cups
5 pints

___ fluid ounces = 4 gallons
640 fluid ounces

___ fluid ounces = 2 gallons
320 fluid ounces

4 cups = ___ pints
2 pints

How many fluid ounces are in 4 gallons?

640 fluid ounces

How many fluid ounces are in 3 pints?

60 fluid ounces

How many pints are in 5 quarts?

10 pints

How many cups are in 3 pints?

6 cups

How many quarts are in 3 gallons?

12 quarts

Underline the greater volume:

8 pints

3 quarts

Underline the lesser volume:

6 pints

4 quarts

Converting Liquid Measures (G)

Convert the liquid measures in the problems below.

$$\underline{\hspace{1cm}} \text{ gallons} = 16 \text{ pints}$$

$$4 \text{ pints} = \underline{\hspace{1cm}} \text{ cups}$$

$$10 \text{ pints} = \underline{\hspace{1cm}} \text{ quarts}$$

$$\underline{\hspace{1cm}} \text{ quarts} = 3 \text{ gallons}$$

$$5 \text{ quarts} = \underline{\hspace{1cm}} \text{ fluid ounces}$$

$$\underline{\hspace{1cm}} \text{ quarts} = 16 \text{ cups}$$

$$4 \text{ quarts} = \underline{\hspace{1cm}} \text{ pints}$$

$$\underline{\hspace{1cm}} \text{ pints} = 4 \text{ gallons}$$

$$5 \text{ quarts} = \underline{\hspace{1cm}} \text{ fluid ounces}$$

$$3 \text{ pints} = \underline{\hspace{1cm}} \text{ cups}$$

How many fluid ounces are in 3 quarts?

How many fluid ounces are in 3 cups?

How many cups are in 5 quarts?

How many cups are in 3 quarts?

How many cups are in 2 pints?

Underline the greater volume:

4 pints

4 quarts

Underline the lesser volume:

33 pints

4 gallons

Converting Liquid Measures (G) Answers

Convert the liquid measures in the problems below.

___ gallons = 16 pints
2 gallons

4 pints = ___ cups
8 cups

10 pints = ___ quarts
5 quarts

___ quarts = 3 gallons
12 quarts

5 quarts = ___ fluid ounces
200 fluid ounces

___ quarts = 16 cups
4 quarts

4 quarts = ___ pints
8 pints

___ pints = 4 gallons
32 pints

5 quarts = ___ fluid ounces
200 fluid ounces

3 pints = ___ cups
6 cups

How many fluid ounces are in 3 quarts?

120 fluid ounces

How many fluid ounces are in 3 cups?

30 fluid ounces

How many cups are in 5 quarts?

20 cups

How many cups are in 3 quarts?

12 cups

How many cups are in 2 pints?

4 cups

Underline the greater volume:

4 pints

4 quarts

Underline the lesser volume:

33 pints

4 gallons

Converting Liquid Measures (H)

Convert the liquid measures in the problems below.

$$\underline{\hspace{1cm}} \text{ pints} = 100 \text{ fluid ounces}$$

$$16 \text{ pints} = \underline{\hspace{1cm}} \text{ gallons}$$

$$1 \text{ gallon} = \underline{\hspace{1cm}} \text{ cups}$$

$$4 \text{ quarts} = \underline{\hspace{1cm}} \text{ gallon}$$

$$32 \text{ cups} = \underline{\hspace{1cm}} \text{ gallons}$$

$$4 \text{ gallons} = \underline{\hspace{1cm}} \text{ fluid ounces}$$

$$4 \text{ cups} = \underline{\hspace{1cm}} \text{ fluid ounces}$$

$$\underline{\hspace{1cm}} \text{ pints} = 5 \text{ quarts}$$

$$4 \text{ pints} = \underline{\hspace{1cm}} \text{ quarts}$$

$$\underline{\hspace{1cm}} \text{ cups} = 2 \text{ pints}$$

How many cups are in 1 quart?

How many cups are in 4 pints?

How many pints are in 2 quarts?

How many quarts are in 3 gallons?

How many pints are in 4 gallons?

Underline the greater volume: 480 fluid ounces 8 gallons

Underline the lesser volume: 33 fluid ounces 3 cups

Converting Liquid Measures (H) Answers

Convert the liquid measures in the problems below.

___ pints = 100 fluid ounces
5 pints

16 pints = ___ gallons
2 gallons

1 gallon = ___ cups
16 cups

4 quarts = ___ gallon
1 gallon

32 cups = ___ gallons
2 gallons

4 gallons = ___ fluid ounces
640 fluid ounces

4 cups = ___ fluid ounces
40 fluid ounces

___ pints = 5 quarts
10 pints

4 pints = ___ quarts
2 quarts

___ cups = 2 pints
4 cups

How many cups are in 1 quart?

4 cups

How many cups are in 4 pints?

8 cups

How many pints are in 2 quarts?

4 pints

How many quarts are in 3 gallons?

12 quarts

How many pints are in 4 gallons?

32 pints

Underline the greater volume: 480 fluid ounces 8 gallons

Underline the lesser volume: 33 fluid ounces 3 cups

Converting Liquid Measures (I)

Convert the liquid measures in the problems below.

$5 \text{ quarts} = \underline{\quad} \text{ pints}$

$\underline{\quad} \text{ cup} = 10 \text{ fluid ounces}$

$\underline{\quad} \text{ fluid ounces} = 3 \text{ gallons}$

$\underline{\quad} \text{ pints} = 2 \text{ gallons}$

$80 \text{ fluid ounces} = \underline{\quad} \text{ pints}$

$4 \text{ pints} = \underline{\quad} \text{ fluid ounces}$

$\underline{\quad} \text{ pints} = 3 \text{ gallons}$

$\underline{\quad} \text{ fluid ounces} = 5 \text{ quarts}$

$\underline{\quad} \text{ quarts} = 10 \text{ pints}$

$\underline{\quad} \text{ pints} = 40 \text{ fluid ounces}$

How many pints are in 3 gallons?

How many fluid ounces are in 1 cup?

How many fluid ounces are in 5 quarts?

How many cups are in 1 pint?

How many cups are in 4 pints?

Underline the greater volume:

8 cups

9 pints

Underline the lesser volume:

64 fluid ounces

3 pints

Converting Liquid Measures (I) Answers

Convert the liquid measures in the problems below.

5 quarts = ____ pints
10 pints

____ cup = 10 fluid ounces
1 cup

____ fluid ounces = 3 gallons
480 fluid ounces

____ pints = 2 gallons
16 pints

80 fluid ounces = ____ pints
4 pints

4 pints = ____ fluid ounces
80 fluid ounces

____ pints = 3 gallons
24 pints

____ fluid ounces = 5 quarts
200 fluid ounces

____ quarts = 10 pints
5 quarts

____ pints = 40 fluid ounces
2 pints

How many pints are in 3 gallons?

24 pints

How many fluid ounces are in 1 cup?

10 fluid ounces

How many fluid ounces are in 5 quarts?

200 fluid ounces

How many cups are in 1 pint?

2 cups

How many cups are in 4 pints?

8 cups

Underline the greater volume:

8 cups

9 pints

Underline the lesser volume:

64 fluid ounces

3 pints

Converting Liquid Measures (J)

Convert the liquid measures in the problems below.

$50 \text{ fluid ounces} = \underline{\quad} \text{ cups}$

$\underline{\quad} \text{ gallon} = 16 \text{ cups}$

$2 \text{ gallons} = \underline{\quad} \text{ pints}$

$\underline{\quad} \text{ quarts} = 10 \text{ pints}$

$10 \text{ pints} = \underline{\quad} \text{ quarts}$

$\underline{\quad} \text{ cups} = 2 \text{ quarts}$

$8 \text{ quarts} = \underline{\quad} \text{ gallons}$

$\underline{\quad} \text{ fluid ounces} = 3 \text{ quarts}$

$\underline{\quad} \text{ cups} = 20 \text{ fluid ounces}$

$5 \text{ quarts} = \underline{\quad} \text{ pints}$

How many quarts are in 2 gallons?

How many pints are in 1 gallon?

How many cups are in 1 gallon?

How many fluid ounces are in 5 gallons?

How many fluid ounces are in 3 gallons?

Underline the greater volume: 42 fluid ounces 1 quart

Underline the lesser volume: 44 pints 5 gallons

Converting Liquid Measures (J) Answers

Convert the liquid measures in the problems below.

50 fluid ounces = ____ cups
5 cups

____ gallon = 16 cups
1 gallon

2 gallons = ____ pints
16 pints

____ quarts = 10 pints
5 quarts

10 pints = ____ quarts
5 quarts

____ cups = 2 quarts
8 cups

8 quarts = ____ gallons
2 gallons

____ fluid ounces = 3 quarts
120 fluid ounces

____ cups = 20 fluid ounces
2 cups

5 quarts = ____ pints
10 pints

How many quarts are in 2 gallons?

8 quarts

How many pints are in 1 gallon?

8 pints

How many cups are in 1 gallon?

16 cups

How many fluid ounces are in 5 gallons?

800 fluid ounces

How many fluid ounces are in 3 gallons?

480 fluid ounces

Underline the greater volume:

42 fluid ounces

1 quart

Underline the lesser volume:

44 pints

5 gallons