

Capacity and Temperature

Name _____

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1) Convert 30° Celsius into Fahrenheit.

2) Convert 100° Fahrenheit into Celsius

3) Convert -42° F into Celcius

4) Convert 0° Celsius into Fahrenheit

5) Convert 3 gallons into quarts

6) Convert 6 quarts into fluid ounces

7) Convert 4 litres into millilitres

8) Convert 6 gallons(UK) into gallons (US)

9) Convert 12 gallons into litres

10) Convert 50 litres into gallons

11) Convert 12 pints into fluid ounces

12) Convert 18 quarts into gallons

13) Convert 30 litres into gallons

14) Convert 290 litres into kilolitres

15) Convert 65000 millilitres into kilolitres

16) Convert 70 fluid ounces into gallons

17) Convert 500 gallons into kilolitres

18) Convert 2500 cm^3 into millilitres

19) Convert 7450 cm^3 into litres

20) Convert 6000 cm^3 into gallons (US).

21) A cone has a radius of 3cm and a height of 10cm. Determine the capacity in millilitres.

22) A cone has a radius of 8cm and a height of 20cm. Determine the capacity in litres.

23) A cylinder has a radius of 12cm and a height of 25cm. Determine its capacity in Gallons.

24) A cylinder has a diameter of 80cm and a height of 1.4m. Determine its capacity in fluid ounces.

Answers to Capacity and Temperature

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|-----------------|--------------|----------------------|----------------------|
| 1) 86° F | 2) 37.8° C | 3) -41.1° C | 4) 32° F |
| 5) 12 quarts | 6) 192 fl oz | 7) 4000ml | 8) 7.2 gallons(US) |
| 9) 45.42L | 10) 13.2 g | 11) 192 fl oz | 12) 4.5 gal |
| 13) 7.9 gallons | 14) 0.29 kl | 15) 0.065 kl | 16) 0.546875 gallons |
| 17) 1.89 kl | 18) 2500ml | 19) 7.45l | 20) 1.59 gal |
| 21) 94.25ml | 22) 1.34l | 23) 2.99 Gallons(US) | 24) 23798.08 fl oz |