NCERT SOLUTIONS

CLASS - 3rd



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Class : 3
Subject : Maths
Chapter : 11
Chapter Name : Jugs and Mugs

Q1

Less than 1 litre	More than 1 litre
bowl 	big cooking pot 







Answer.

Less than 1 litre	More than 1 litre
A small water bottle	A cooker
Tetra pack juice	Large bottle of Pepsi
A small saucepan	A jug

Page : 155 , Block Name : Bottles And Buckets

Q1 Match the Right Pairs

About 12 litres



Less than ½ litre



About 5 litres



1000 litres

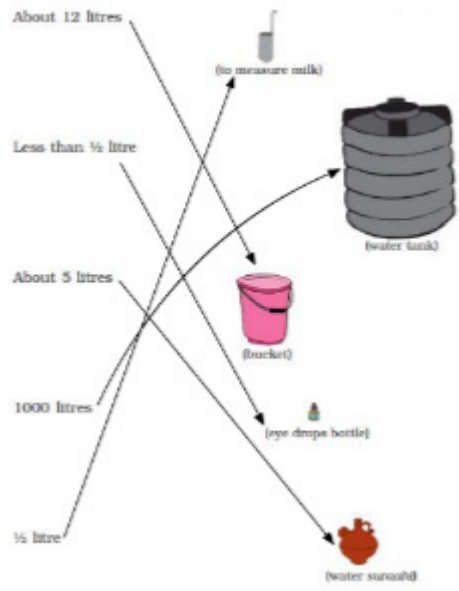


½ litre



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Answer.



Page : 156 , Block Name : Match The Right Pairs

Q1 Whose Jug Holds More? What are Naima and Jeetu doing? If Naima pours one glass of water in her jug, it looks like this

Naima thinks she will have to pour around 3 glasses of water to fill the jug. What do you think?

_____



If Jeetu pours one glass of water in his jug, it looks like this:



(a) Whose jug holds more water? _____
(b) How many glasses of water do you think Jeetu should pour to fill his jug? _____
(c) If Jeetu pours one more glass of water his jug will be around _____ full.

Answer. Naima and Jeetu are checking the capacity of their jugs. Correct, Naima will have to pour 3 complete glasses of water to fill the jug.

(a) Jeetu's jug will hold more water.
(b) Jeetu will have to pour around 4 glasses to fill the jug.
(c) If Jeetu pours one more glass of water, his jug will be around half full.

Page : 157 , Block Name : Whose Jug Holds More?

Q1 Filling Pots Naseem and Abdul had to fill their pots each with water. Both pots were equally big and heavy. So they went to the tap again and again, filled their

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own bottles and poured water into the pots.



Naseem had to fill her bottle 16 times from the tap. But Abdul had to fill his bottle only 8 times.
(a) Why did Naseem go more times than Abdul?
(b) Naseem's bottle can hold _____ (twice/half/three times) as much water as Abdul's bottle.

Answer.
a) Naseem had to go more times than Abdul because her bottle is smaller than Abdul's bottle.
b) Naseem's bottle can hold half as much water as Abdul's bottle.

Page : 158 , Block Name : Filling Pots

Q2 How Many Glasses?

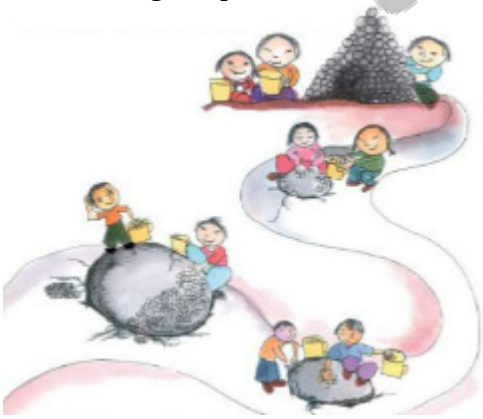


Pot B holds 11 glassfuls of water. Pot A holds twice as much water as pot B. How many glasses of water are needed to fill pot A? _____

Answer.
Pot B can hold 11 glasses of water in it. Pot A can hold twice as much water as pot B. Amount of water pot A can hold = 11 + 11 = 2×11 = 22 glasses Thus, pot A can hold 22 glasses of water.

Page : 158 , Block Name : How Many Glasses?

Q1 Filling Potholes This is a small town near Kohima. There are some potholes in the road. Before the rains come, children want to fill the holes with pebbles. They bring pebbles in mugs of the same size. Hole A gets filled with 9 mugs of pebbles. Hole B gets filled with 18 mugs of pebbles. Hole C gets filled with 12 mugs of pebbles.



i) Mark A, B, C on the right hole in the picture.
ii) Which is the biggest pothole? _____
iii) If jugs are used, hole A gets filled with 5 jugs. How many jugs of pebbles are needed to fill hole B?

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_____

Answer.

i) 

ii) Pothole B is the biggest pothole.
iii) 9 mugs of pebbles fill the hole A whereas only 5 jugs are required to fill hole A.

Capacity of 9 mugs = Capacity of 5 jugs So, if we have to fill hole B, then the number of mugs required = 18 = 2×9 So, number of jugs required to fill pothole B
= 2×5 = 10 Thus, 10 jugs are required to fill hole B.

Page : 159 , Block Name : Filling Potholes

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