Filling and Lifting

Standard difficulty · 20 questions · 40 marks · Time: 54 minutes

Name: _____ Date: _____ Score: ____ / 40

Show your working for Sections B and C. Answers are on the last page — try every question first!

Section A — Choose the correct answer — 8 × 1 = 8 marks

1. One jug fills 3 glasses. How many glasses do 4 jugs fill?
(a) 9 **(b)** 7 **(c)** 13 **(d)** 12

2. How many half-litre bottles fill a 5-litre can?
(a) 11 **(b)** 8 **(c)** 10 **(d)** 12

3. How many quarter-kilogram packets make 1 kilogram?
(a) 5 **(b)** 6 **(c)** 2 **(d)** 4

4. A bucket is filled with 14 cups of mug C, or 12 cups of mug A. Which mug is bigger?
(a) Mug A **(b)** The bucket is smaller
(c) Mug C **(d)** Both are the same

5. How many half litres make 1 litre?
(a) 3 **(b)** 4 **(c)** 1 **(d)** 2

6. Which of these is heavier than 1 kilogram?
(a) a chair **(b)** a feather **(c)** a paper boat **(d)** an eraser

7. 2 erasers balance 1 pencil box. How many erasers balance 4 pencil boxes?
(a) 8 **(b)** 10 **(c)** 6 **(d)** 7

8. Which of these holds more than 1 litre?
(a) a drum of water **(b)** a bowl
(c) an ink bottle **(d)** a cup

Section B — Short answer — 8 × 2 = 16 marks

9. 3 ladles of buttermilk fill one glass. How many ladles fill 7 glasses?

10. How many quarter-litre cups make 6 litres?

11. 9 packets of half a kilogram of salt are bought. How much salt is that?

12. Is an eraser heavier or lighter than 1 kilogram?

13. Does an ink bottle hold more or less than 1 litre?

14. A jug fills 8 glasses. How many jugs are needed to fill 16 glasses?

15. A small toy balances 8 coins. How many coins balance 2 such toys?

16. On a pan balance, a pencil is put on one pan and a watermelon on the other. Which pan goes down?

Section C — Word problems — 4 × 4 = 16 marks

17. For a party, one jug of lemonade fills 8 glasses. 13 children each want one glass. How many jugs must be made? How many glasses will be left over?

18. Nani needs 8 kilograms of dal. The shop has only quarter-kilogram and half-kilogram packets. Write two ways she can buy exactly 8 kilograms.

19. Sort these into “heavier than 1 kg” and “lighter than 1 kg”: a watermelon, a bucket of water, a feather, a pencil.

20. A pot is filled using 10 cups of mug R, 12 cups of mug S or 8 cups of mug Q. Which mug is biggest? Which is smallest? Explain.

Want another sheet on this chapter? In the Ambiful Worksheets app every sheet is new, with its answer key, and your child never gets the same question twice.
Scan the code to get the free app, or open **worksheets.ambiful.com/get**

Answer key

Filling and Lifting · AW-3M-FIL-2026-V1 · For parents — fold back or tear off before handing the sheet to your child.

Q	Answer	Working
1	**(d) 12**	4 × 3
2	**(c) 10**	2 halves make 1 litre: 2 × 5
3	**(d) 4**	4 quarters in each kilogram: 4 × 1
4	**(a) Mug A**	a bigger mug needs fewer fillings
5	**(d) 2**	—
6	**(a) a chair**	—
7	**(a) 8**	4 × 2
8	**(a) a drum of water**	—
9	**21**	7 × 3
10	**24**	4 × 6
11	**4 and a half kilograms**	two halves make a kilogram
12	**Lighter**	—
13	**Less**	—
14	**2**	16 ÷ 8
15	**16**	2 × 8
16	**The pan with a watermelon**	the heavier side goes down
17	**2 jugs; 3 left over**	2 × 8 = 16
18	**e.g. 32 quarter-kilogram packets, or 16 half-kilogram packets, or a mix such as 14 half-kilogram and 4 quarter-kilogram packets**	two halves or four quarters make a kilogram
19	**heavier: a watermelon, a bucket of water; lighter: a feather, a pencil**	—
20	**Biggest: mug Q; smallest: mug S. A bigger mug fills the pot in fewer cups.**	—