

## UNIT 6 – MEASUREMENT

1.

(a) Kilogram      grams $  \begin{array}{r}  2 \ 0 \ 8 \ 0 \ 0 \\  4 \ 7 \ 6 \ 0 \ 0 \\  + \ 6 \ 3 \ 4 \ 0 \ 0  \end{array}  $	(b) Litres      millilitre $  \begin{array}{r}  8 \ 7 \ 2 \ 5 \\  - \ 3 \ 9 \ 0 \ 0  \end{array}  $	(c) Week      day $  \begin{array}{r}  1 \ 2 \ 3 \\  - \ 7 \ 5  \end{array}  $
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2.

(a)      ml $  \begin{array}{r}  3 \ 1 \ 6 \ 7 \ 5 \ \text{ml} \\  + \ 4 \ 1 \ 7 \ 5 \ 5 \ \text{ml} \\  \hline  \end{array}  $	-      mth $  \begin{array}{r}  3 \ \text{yr} \ 8 \ \text{mth} \\  - \ 5 \ \text{yr} \ 6 \ \text{mth}  \end{array}  $	Week      day $  \begin{array}{r}  1 \ 3 \ 4 \\  - \ 6 \ 6  \end{array}  $
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3.

(a)      min $  \begin{array}{r}  \text{h} \ 1 \ 5 \ 3 \ 7 \\  - \ 9 \ 4 \ 5  \end{array}  $	(b)      day $  \begin{array}{r}  \text{wk} \ 1 \ 0 \ 5 \\  - \ 4 \ 7  \end{array}  $	(c)      millilitre $  \begin{array}{r}  \text{litre} \ 9 \ 6 \ 8 \ 5 \\  \times \ 4 \ 9 \ 9 \ 5  \end{array}  $
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4.

(a)      g $  \begin{array}{r}  \text{kg} \ 6 \ 4 \ 5 \ 0 \\  - \ 7  \end{array}  $	(b)      day $  \begin{array}{r}  \text{wk} \ 1 \ 1 \ 5 \\  \times \ 8  \end{array}  $	(c)      millilitre $  \begin{array}{r}  \text{litre} \ 9 \ 6 \ 8 \ 5 \\  \times \ 5  \end{array}  $
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5. Convert 205 minutes to hours and minutes. \_\_\_\_\_

6. (a) Change 11.25 p.m to 24-hour clock. \_\_\_\_\_  
(b) Write 10.30 p.m in 24-hour clock. \_\_\_\_\_

7. (a) Write 7.45 a.m to 24-hour clock. \_\_\_\_\_  
(b) Write 10.15 p.m in 24-hour clock. \_\_\_\_\_

8. What is 23 500 millilitres in litres? \_\_\_\_\_

9. Express 312 cm in metres and centimetres. \_\_\_\_\_

10. Express 4 h 45 min in minutes. \_\_\_\_\_

11. How many minutes are there in  $1\frac{1}{4}$  hrs? \_\_\_\_\_

12. How many hours are there in  $2\frac{1}{2}$  days? \_\_\_\_\_

13. Express 2 minutes 20 seconds in seconds. \_\_\_\_\_

14. (a) Change 3 500 ml in litres. \_\_\_\_\_  
(b) Express \$8.05 in cents. \_\_\_\_\_

15. How many 50 cents coins are there in \$10.50? \_\_\_\_\_

16. How many minutes are there in one and a quarter hour? \_\_\_\_\_

17. Change  $3\frac{3}{4}$  years to months. \_\_\_\_\_

18. Change 42 months to years and months. \_\_\_\_\_

19. Express 2 minutes 35 seconds in seconds. \_\_\_\_\_

20. The weight of one coin is 4 grams. What is the weight of 7 coins? \_\_\_\_\_

21. What is the difference in volume between liquid A and liquid B in Figure 1.

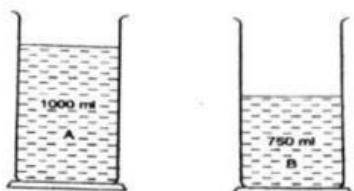


Figure 1

22. Figure 2 shows a pencil next to a ruler. What is the length of the pencil?

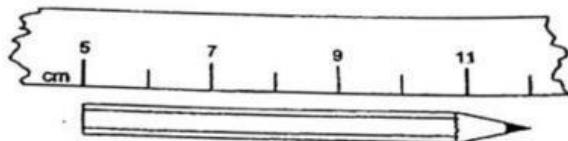


Figure 2

23. The clock in Figure 3 shows 5.15 in the morning. What is the time in 24-hour clock.

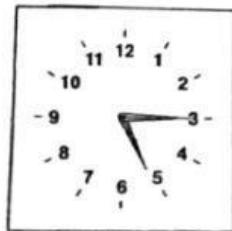


Figure 3

24. Draw the time 23:25 hours on the 12-hour clock in Figure 4.



Figure 4

25. Aisyah finishes school at 12.35 hours. She reaches home at 13.15 hours. How long does she take to walk from the school to her home?

**26.** A bag of apples weighs 2 kg 250g. Another bag of apples weighs 4 kg 780 g. what is their total weight?

**27.** Find the difference between \$565.00 and \$171.75

**28.** What is their total weight?

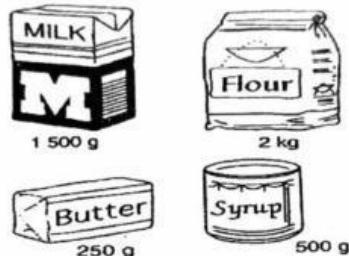


Figure 5

**29.** What is the volume of the stone?

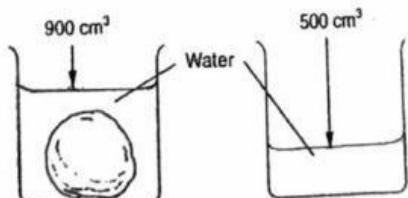


Figure 6

**30.** Multiply 31375 ml by 8.

31. Divide 22 kg 756 g by 4.

**32.** What is the total amount of money below?

(a)  $\$20\,000 + \$5\,000 + \$90 + \$4$       (b)  $\$10.19, \$2.10, \$0.10, \$4.95$

33. Akmal took 20 minutes to cycle to school. She started out 6.45 a.m. at what time would he reaches the school?

**34.** \$49.70 is shared equally among 2 boys and 5 girls. How much will each of them get?

**35.** Draw the hour and minute hands in the clock face below to show 17 45 h.

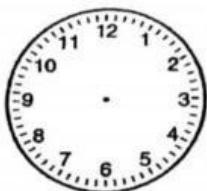


Figure 7

**36.** What is the difference in weight between box A and box B in Figure 8?

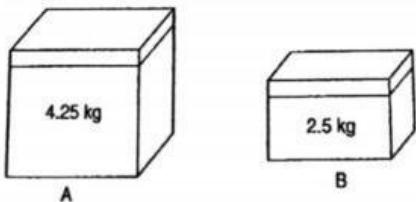


Figure 8

**37.** Write the correct time as shown below in 24-hour clock.

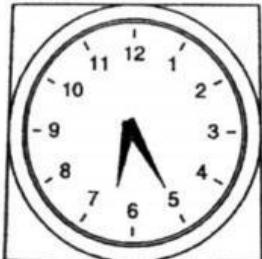


Figure 9

**38.** \$91.70 is shared equally among 3 boys and 4 girls. How much will each of them get?

**39.** Measure the glass in centimetres.

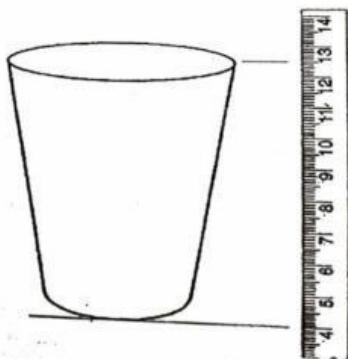


Figure 10

Page 6 of 6