



P5 Revision Exercise (2nd term)

Name: _____ Date: _____ Mark: _____

1. (a) Evaluate the followings.

(1) $1.41 + 1.73$

(2) $6.2 + 70.98$

(3) $56.1 - 24.4$

(4) $3.14 + 2.718$

(5) $17.4 - 8.46$

(6) $77.3 + 28.7 - 82.3$

(7) $59.1 - 63.2 + 5.94$

(8) $28.01 - (60.7 - 33.1)$

(9) 1.386×6

(10) 65.6×3.7

(11) 81.8×0.17

(12) $0.5 \times 1.08 \times 4$

(b) Evaluate the followings.

$$(1) \quad \frac{5}{14} \div \frac{11}{42}$$

$$(2) \quad \frac{11}{29} \div \frac{22}{87}$$

$$(3) \quad \frac{5}{8} \div 3\frac{1}{3}$$

$$(4) \quad \frac{7}{9} + 9\frac{3}{5} \times \frac{15}{16}$$

$$(5) \quad \frac{2}{7} \div \frac{2}{5} \times \frac{2}{3}$$

$$(6) \quad 4\frac{4}{5} \div \left(7 - 5\frac{7}{17}\right)$$

$$(7) \quad 3 + \frac{1}{4} \div \frac{5}{6}$$

$$(8) \quad 3\frac{1}{3} \times \left(6\frac{3}{8} + 3\frac{1}{7}\right)$$

$$(9) \quad 6 \times \left(4\frac{1}{6} - 16 \div 6\frac{1}{4}\right)$$

$$(10) \quad 2\frac{2}{7} \times 10 - \left(4\frac{4}{5} - \frac{5}{4}\right)$$

2. Solve the following equations.

(1) $x+12=22$

(2) $x+2=7-x$

(3) $7y-8=90$

(4) $\frac{y}{15}=16$

(5) $7u-2.21=11.79$

(6) $\frac{1}{3}+\frac{u}{5}=\frac{13}{15}$

(7) $22-3a=13$

(8) $\frac{10}{a}+\frac{10}{3}=5$

3. The total weight of Jason and his parents is 144 kg. If the weight of his father and mother are 67 kg and 42 kg respectively, then find the weight of Jason.

Let m be the weight of Jason.

4. Andy have 4 cartons of apple juice. If the total volume is 1 kg, then how much does one carton contain? (Give your answer in "g".)

Let_____

5. The marked price of a calculator is \$180. Chris received \$320 for the change. How much did he pay?

Let_____

6. A basket can hold at most 35 kg. If one box of oranges is weighted 15.7 kg, how much can the basket hold after carrying two boxes?

7. The distance between Bath and Bristol are 21.3 km. If the price of the fuel is \$0.37 per km, then how much should James pay for this trip?

8. (a) The volume of a big and a small bucket are $6\frac{1}{8}$ kg and $3\frac{1}{2}$ kg.
How many times is the big bucket greater than the smaller?
- (b) The small bucket is filled with milk now and pour into small cups.
How many cups are needed if the capacity of a cup is $\frac{7}{20}$ L?
9. (a) The distance between pier A and pier B is $11\frac{1}{5}$ km. If David has sailed half of the route, then how far has he travelled?
- (b) The ship requires 5 minutes to travel 1 km. If the time now is 09:45, then what is the time after the sail?

10. The length of a pencil is 13.1 cm. If a ball pen is 1.42 cm longer than a pencil, and a ruler is 2.48 cm longer than a ball pen, then find the length of the ruler.

11. A ribbon is divided into 13 pieces with each 1.7 m long. What is the original length of the ribbon?

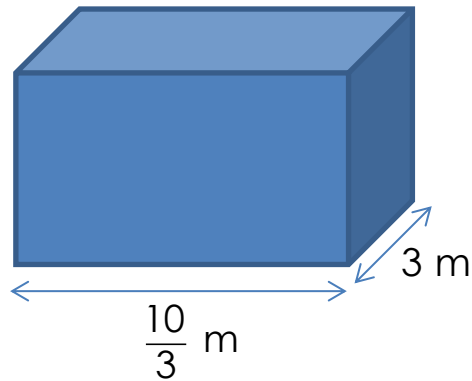
12.

Date	Wednesday	Thursday
Rainfall (mm)	8.5	7.24

If the rainfall on Friday is 1.88 mm more than Thursday, then find the total amount of rainfall on these three days.

13. Sandy lit a candle which is 14.6 cm long. After half an hour, the candle was 4.8 cm shorter. What is the length of the candle now?

14.



(a) The water tank shown in above was fully filled with water. If the height of the tank is $\frac{12}{5}$ m, find the volume of the water.

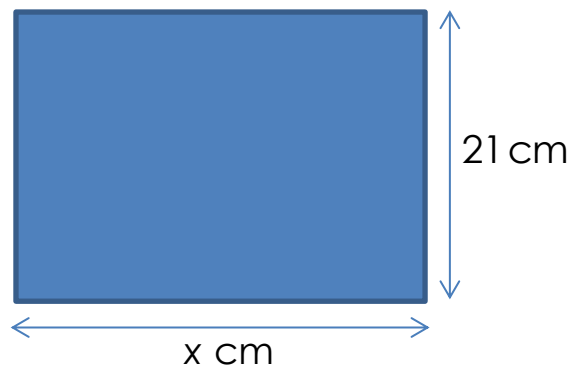
(b) After a week, 10 m^3 of water were gone. Find the volume of the water left.

(c) Hence, find the height of the water.

(d) Now Mary is pouring half a dozen of ice cube into the water. If the volume of an ice cube is 1 m^3 , find the height increase of the water. Assume all ice cubes sinks.

(e) Another half dozen of ice cube is then put into the water. How much water is leaking out of the tank?

15.



(a) If the area of an A4 sheet is 623.7 cm^2 , then find x .

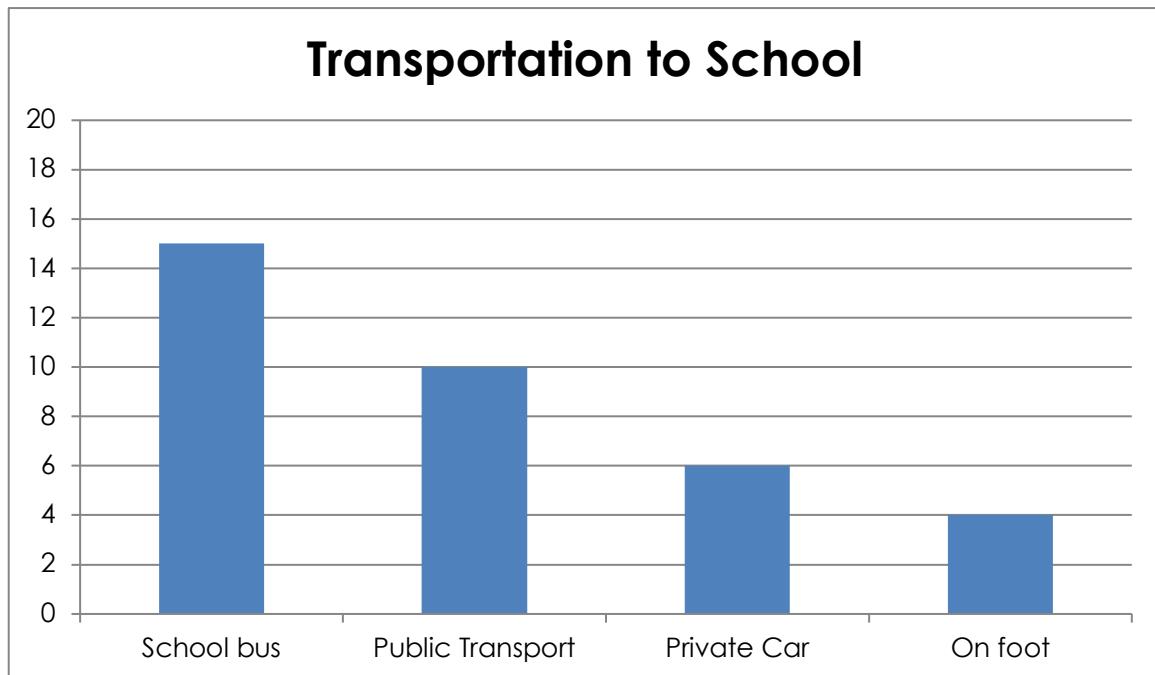


(b) If the sheet is cut into three identical pieces as shown above, then find the area of one piece.

16. (a) The teacher evenly distributed 5 kg of chocolate among Jacky and three of his classmates. If Jacky eats $\frac{3}{10}$ kg, find the weight of the chocolate left.

(b) It is given that the price of the chocolate is \$17.8 per kg. If the teacher shares the same amount of chocolate to each 8 students in another class, then find the cost of all chocolate.

17. The bar chart below shows how the students go to school in a class.



(a) How many students are there in the class?

(b) If the shuttle bus fee of a single trip is \$5.8 per person, then find the income from this class in one day.

(c) Find the fraction of the students travelling to school by public transport.