1) Round off 456 894 to the nearest ten thousand. State the answer in million.
把 456 894 写成万位的近似值。以百万位，写出答案。

A 0.45 million 0.45 百万
B 0.456 million 0.456 百万
C 0.46 million 0.46 百万
D 0.5 million 0.5 百万

2) Diagram 1 shows two cards.
图 1 显示两张数目卡。

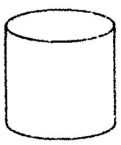
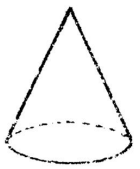
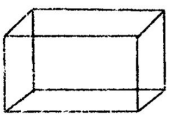
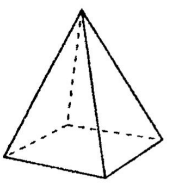
632 068 | 1 421 298

Diagram 1 图 1

Which of the following is between the two numbers shown on the card ?
哪个数目是介于数目卡上的两个数之间 ?

A 0.55 million 0.55 百万
B 0.78 million 0.78 百万
C 1.43 million 1.43 百万
D 2.01 million 2.01 百万

3) Which of the following solids has 1 edge, 1 curved face, 1 flat face and 1 vertex ?
以下哪个立体有 1 条边，1 个曲面，1 个平面和 1 个顶点 ?

A 
B 
C 
D 

4) $2\frac{3}{10} + 4\frac{1}{2} + 1\frac{2}{5} =$

A $8\frac{2}{5}$
B $8\frac{1}{5}$
C $7\frac{2}{5}$
D $7\frac{1}{5}$

5) Diagram 2 shows the mass for a packet of tapioca flour and a packet of salt.
图 2 显示一包木薯粉和一包盐的总质量。
The mass for a packet of salt is 600 g. Calculate the mass for the packet of tapioca flour in kg.
盐的质量是 600 g。以 kg 为单位，计算木薯粉的质量。

A 2.4
B 1.8
C 1.5
D 1.3

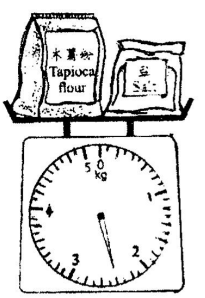


Diagram 2 图 2

6) Diagram 3 consists of several squares of equal size.
图 3 显示由数个同样大小的正方格所组成的。

What fraction of the whole diagram is shaded ?
画斜线的部分占全图的几分之几？

A $\frac{1}{2}$
B $\frac{4}{5}$
C $\frac{3}{8}$
D $\frac{5}{9}$

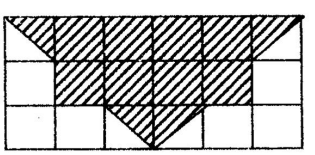


Diagram 3 图 3

7) 50.121 - 5.69 + 9 =

A 44.431 B 50.699 C 53.431 D 197.021

8) 52 136 ÷ 49 =

A 164 B 328 C 532 D 1 064

9) $\frac{\square}{25}$ = 72 %

What number must be written in the □ ?
在□ 里须填上什么数目 ?

A 16 B 17 C 18 D 19

10) Convert 8 kg 29 g to kg.
把 8 kg 29 g 化为 kg.

A 0.829 B 8.029 C 8.29 D 82.9

11) 8 hours 23 minutes - $4\frac{3}{5}$ hours =

8 小时 23 分钟 - $4\frac{3}{5}$ 小时 =

A 206 minutes 206 分钟
B 227 minutes 227 分钟
C 395 minutes 395 分钟
D 485 minutes 485 分钟

12) 100 x (3 260 + 48) =

A 311 850 B 315 480 C 329 690 D 330 800

13) $\frac{2}{7}$ Of 1 400 ℓ =

1 400 ℓ 的 $\frac{2}{7}$ =

A 100 ℓ B 200 ℓ C 300 ℓ D 400 ℓ

14) Diagram 4 shows the volume of water in two containers.
图 4 显示两个容器内水的体积。

Mina poured the water from two containers into a jug with a capacity of 8 ℓ. How much more water, in ℓ, did Mina need to fill up the jug ?
美娜将两个容器内的水倒入一个容量为 8 ℓ 的水壶里。美娜还须注入多少 ℓ 水，才能使水壶装满水？

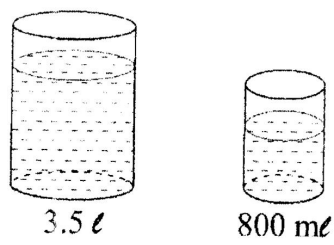


Diagram 4 图 4

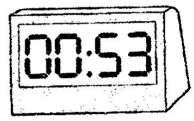
A 3.7 B 4.3

C 5.2 D 5.7

15) Which of the following answers is nearest to 2 ?
以下哪项的答案最接近 2？

A $1\frac{5}{7} + \frac{4}{7}$ B $\frac{7}{8} + 1\frac{1}{4}$ C $9\frac{4}{7} - 7\frac{3}{7}$ D $8\frac{3}{10} - 5\frac{1}{2}$

16) Diagram 5 shows the time on a clock.
图 5 显示一个时钟上的时间。



Convert the time to the 12-hour system.
以 12 小时计时法写出该时刻。

Diagram 5 图 5

A 10.53 p.m. B 12.53 p.m. C 10.53 a.m. D 12.53 a.m.

17) Happy Factory produced 36 boxes of sweets. Each box had 2 550 sweets. How many sweets did Happy Factory produce ?
快乐工厂生产了 36 箱糖果，每箱有 2 550 颗。快乐工厂共生产了多少颗糖果？

A 61 360 B 74 620 C 87 050 D 91 800

18) Table 1 shows the number of footwear produced by a factory.
表 1 显示一家工厂生产的鞋子的数量。

Types of footwear 鞋子的种类	Number of footwear 鞋子的数量
Slippers 拖鞋	30 127 pairs 30 127 双
Sandals 凉鞋	48 640 pairs 48 640 双
Leather shoes 皮鞋	1 150 pairs less than sandals 比凉鞋少 1 150 双

Table 1 表 1

Calculate the total number of footwear produced by the factory.
计算该工厂所生产的鞋子的总数量。

A 127 065 B 126 257 C 113 492 D 105 169

19) Diagram 6 shows the prices for a pair of earrings and a platinum necklace.
图 6 显示一对耳环和一条白金项链的价格。

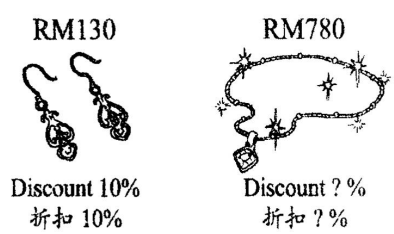


Diagram 6 图 6

After the discount for each of the items, Miss Tan paid a total of RM702. What was the percentage of the discount for the necklace ?
两件首饰折扣后，陈小姐只付 RM702。项链的折扣是多少百分比 ？

A 10 B 15
C 20 D 25

20) Pei Yi has her hair permed in a hair salon at 2:50 p.m. She had it done after $2\frac{1}{3}$ hours. At what time does her hair perm finish ?

佩怡于 2:50 p.m.在理发店开始烫发。她在$2\frac{1}{3}$小时后烫好头发。她在什么时刻烫好头发？

A 0510 hours 0510 时
B 1415 hours 1415 时
C 1510 hours 1510 时
D 1710 hours 1710 时

21) Diagram 7 is a bar chart showing the number of glasses of herbal tea sold by a herbal shop in four days.
图 7 的条形统计图显示一家凉茶店铺在四天内所售卖的凉茶数量。

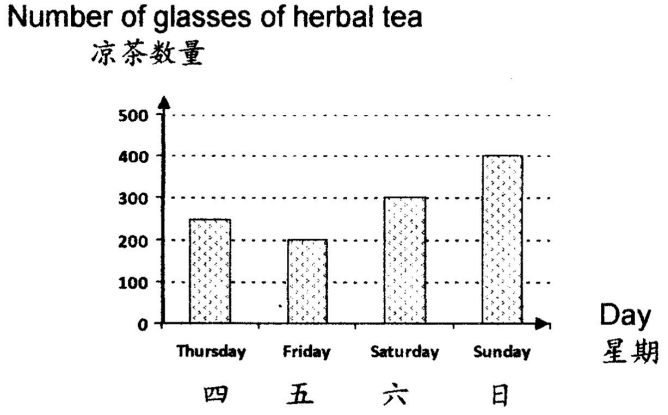


Diagram 7 图 7

The prices of a glass of herbal tea is 90 sen. Calculate the total income of the shop in the four days.
一杯凉茶的价格是 90 仙。计算该店铺在这四天内的总收入。

A RM1 005
B RM1 035
C RM1 150
D RM1 215

22) Table 2 shows the mass of five baskets of mangoesteens.
表 2 显示五篮山竹的质量。

Peng Guan gave the lightest and the heaviest baskets of mangoesteens to his friends. Calculate the average mass of the remaining baskets of mangoesteens.
炳源把最轻与最重的山竹送给他的朋友。以 kg 为单位，计算剩余的三篮山竹的平均质量。

Baskets	Mass (kg)
A	4.82
B	1.05
C	2.65
D	1.13
E	3.84

Table 2 表 2

A 2.28
B 2.54
C 2.71
D 2.96

23) Michael's salary in March is RM860. His salary increases 25% in April. Calculate Michaels total salary in March and April.
麦可在三月份的薪水是 RM860。他在四月份获得加薪 25%。试计算麦可在三月份和四月份薪水的总和。

A RM1 075
B RM1 720
C RM1 935
D RM2 150

24) Diagram 8 shows the heights of three trees, X, Y and Z.
图 8 显示 3 棵树 X、Y 和 Z 的高度。
What is the total height of the three trees, in m ?
以 m 为单位，这三棵树的总高度是多少？

A 49.95 B 51.55

C 54.75 D 60.35

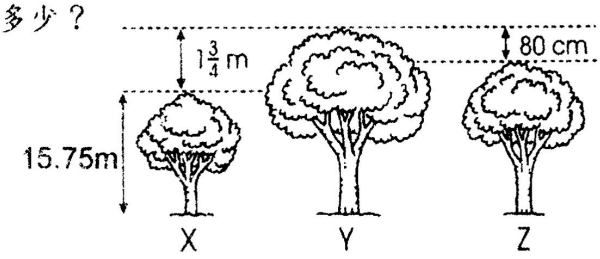


Diagram 8 图 8

25) Diagram 9 shows the positions of four towns, A, B, C and D.
图 9 显示 A、B、C 和 D 四个城市的位置。

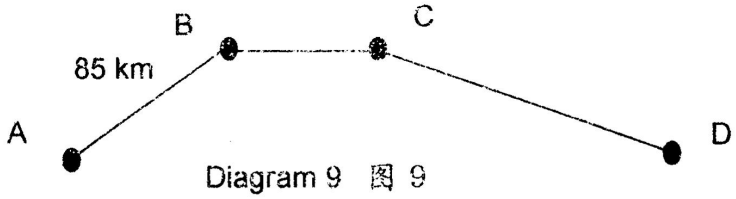


Diagram 9 图 9

The distance from B to C is $\frac{3}{5}$ the distance from A to B. The distance from A to D through B and C is 264 km. Calculate the distance, in km, from C to D.
从 B 到 C 的距离是 A 到 B 距离的 $\frac{3}{5}$。从 A 到 D 经过 B 和 C 的总距离是 264 km。以 km 为单位，计算从 C 到 D 的距离。

A 128 B 138 C 148 D 158

26) Sewing a dress requires 4 m 20 cm of cloth. A tailor bought 70 m of cloth to sew 12 dresses. Which is the correct method to calculate the remainder of the cloth ?
缝制一套衣服需用 4 m 20 cm 的布。一位裁缝师买了 70 m 的布，并缝制了 12 套衣服。哪项是计算剩余布料的正确的算式。

A 70 m + (4 m 20 cm x 12) B 70 m - (4 m 20 cm x 12)
C 70 m x 4 m 20 cm + 12 D 70 m ÷ 4 m 20 cm - 12

27) Diagram 10 shows a combination of an equilateral triangle PQR and a rectangle QTSR.
图 10 是由一个等边三角形 PQR 和一个长方形 QTSR 组成的。

The area of the rectangle is 88 cm^2.
Calculate the perimeter in cm, of the whole diagram.
长方形的面积是 88 cm^2。以 cm 为单位，计算全图的周长。

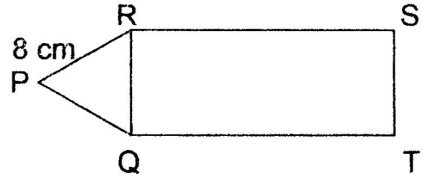
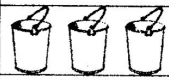
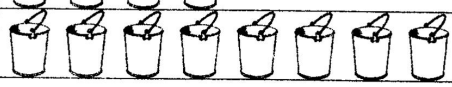


Diagram 10 图 10

A 29 B 34
C 40 D 46

28) Diagram 11 is a pictograph showing the number of pails sold in several supermarkets. The sales of supermarket N is not shown.
图 11 的象形统计图显示几家超级市场所售卖的水桶数量。超级市场 N 的销售量没有显示出来。

Supermarkets 超级市场	Number of pails sold 售卖的水桶数量
M	
N	
O	
P	

represents 10 pails 代表 10 个水桶 Diagram 11 图 11

The total number of pails sold by supermarket P was $\frac{2}{5}$ the total number of pails that was sold in 4 supermarkets. How many need to be drawn for supermarket N ?

超级市场 P 售出的水桶数量占 4 家超级市场的 $\frac{2}{5}$。在超级市场 N 的栏中应画上多少个 ?

A 5 B 4 C 3 D 2

29) An estimate of the product of 6 985 and 98 is between
估计 6 985 和 98 的积是介于

A 40 thousand to 60 thousand
4 万至 6 万之间
B 60 thousand to 80 thousand
6 万至 8 万之间
C 400 thousand to 600 thousand
40 万至 60 万之间
D 60 thousand to 800 thousand
60 万至 80 万之间

30) Peter has 120 mangoes. He gives $\frac{2}{5}$ of the total number of mangoes to his neighbours. He sells $\frac{2}{3}$ of the remainder. What percentage of the mangoes is left ?

彼得有 120 个芒果。他把芒果总数的 $\frac{2}{5}$ 送给邻居。他又把剩余的 $\frac{2}{3}$ 出售。所剩余的芒果的百分比是多少 ?

A 10 B 15 C 20 D 24

31) A road construction project lasted from 29 July 2012 to 15 September 2012. Calculate the days the project took to complete.
一项筑路工程从 2012 年 7 月 29 日开始至 2012 年 9 月 15 日才完成。计算这个工程共用了多少天。

A 49 B 51 C 53 D 55

32) Diagram 12 shows two cuboids and a cube.
图 12 显示两个长方体和正方体。

Calculate the volume of the composite shape in cm^3.
以 cm^3 为单位，计算综合图形的体积。

A 64　　B 70
C 120　　D 254

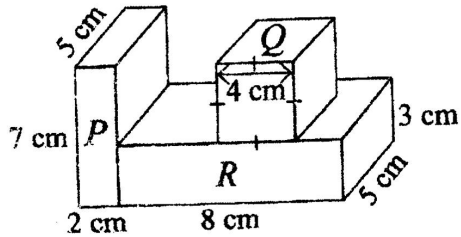


Diagram 12 图 12

33) Diagram 13 shows a lopsided balance.
图 13 显示一个不平衡的秤。
The mass of three pineapples is 1.34 kg.
Calculate the weight of the pineapples in g needed to keep the balance level or equal.
秤上的三个黄梨共重 1.34 kg。以 g 为单位，计算还需要加上多重的黄梨才能使秤平衡。

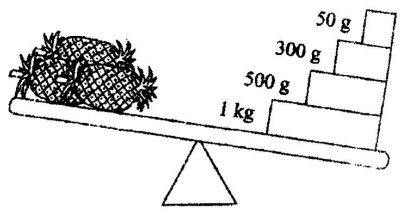


Diagram 13 图 13

A 250　　B 360　　C 510　　D 740

34) Diagram 14 is a bar chart showing the number of pupils in class 6B who play games.
图 14 的条形统计图显示 6B 班学生参与各种球类活动的人数。

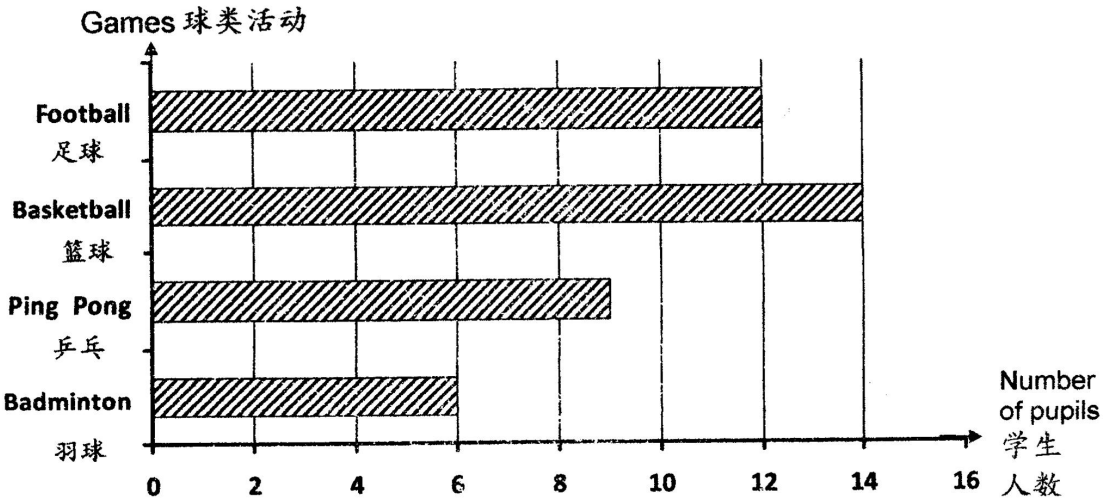


Diagram 14 图 14

Calculate the range for the number of pupils who play games.
计算数据的极差。

A 4　　B 6　　C 8　　D 14

35) Wei Chong needs to walk 2 km 50 m to and from work. He works 6 days in a week. Calculate the distance that Wei Chong walked in 4 weeks.
维忠每天上下班须走 2 km 50 m 的路程。他一星期上班 6 天。以 km 为单位，计算他 4 星期里须走的路程。

A 44.96　　B 49.20　　C 52.50　　D 55.08

36) Diagram 15 shows a combination of a rectangle and two equal size triangles.
图 15 是由一个长方形和两个相同大小的三角形所组成的。

Calculate the area, in cm^2, of the whole diagram.
以 cm^2 为单位，计算全图的面积。

A 144 B 164
C 184 D 204

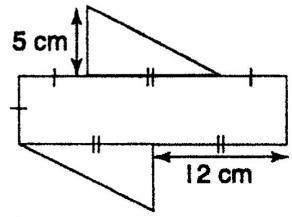


Diagram 15 图 15

37) Diagram 16 shows a composite shape of 2 cuboids.
图 16 显示一个由两个长方体所组成的综合立体。

Calculate the volume, in m^3, of the whole diagram.
以 m^3 为单位，计算全图的体积。

A 750 B 1 500
C 2 250 D 3 000

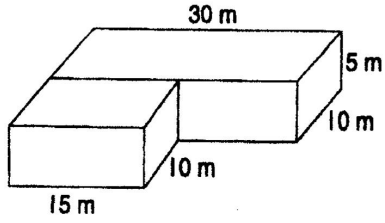


Diagram 16 图 16

38) Diagram 17 shows the prices of a bottle of oil and a bottle of shampoo.
图 17 显示一瓶油和一瓶洗发液的价钱。
Which of the following items can Kelly buy with RM35.00 and receive the least balance ?
哪项物品是可丽用 RM35.00 来购买后可得最少找回的钱？

	Oil 油	Shampoo 洗发液
A	2	1
B	1	3
C	2	2
D	1	4

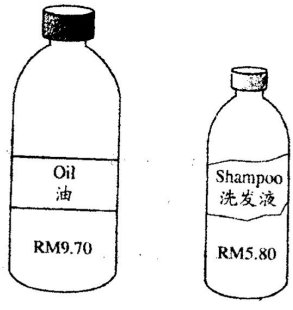
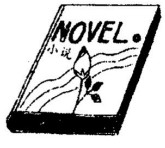


Diagram 17 图 17

39) Diagram 18 shows a novel read by Kelvin.
图 18 显示凯文阅读的一本小说。

Kelvin completed the reading in $2\frac{1}{7}$ weeks. What is the average number of pages he read in a day ?
凯文用 $2\frac{1}{7}$ 星期读完这本小说。他平均每天阅读多少页？



1 260 pages
1 260 页

Diagram 18 图 18

A 48 B 60 C 84 D 126

40) A Malay dictionary has 1 876 pages. Cockroaches ate pages 13 to 68 of the dictionary. Calculate the pages that are still in good condition.
一本马来词典原有 1 876 页，被蟑螂咬坏了第 13 页至 68 页。计算完好无损的页数。

A 1 792 B 1 804 C 1 820 D 1 923

（参考答案）

1 C	2 B	3 B	4 B	5 B	6 D	7 C	8 D	9 C	10 B
11 B	12 D	13 D	14 A	15 B	16 D	17 D	18 B	19 D	20 D
21 B	22 B	23 C	24 A	25 A	26 B	27 D	28 A	29 D	30 C
31 A	32 D	33 C	34 C	35 B	36 D	37 C	38 D	39 C	40 C