NANYANG PRIMARY SCHOOL

END-OF-YEAR EXAMINATION
2020

PRIMARY 3

MATHEMATICS
(BOOKLET A)

Total Duration for Booklets A and B: 1 hour 45 minutes

Additional materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____( )

Class: Primary 3 ( )

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (40 marks)

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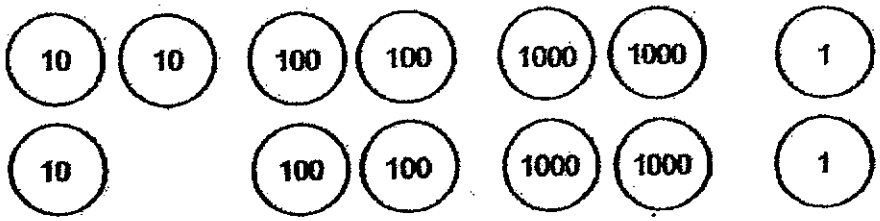
1. What is the number shown by the number discs below?



(1) 4432

(2) 4342

(3) 3442

(4) 3244

2. Arrange the following numbers in order, starting with the greatest number.

6241	4759	4038	6892

	Greatest			Smallest
(1)	4038,	4759,	6241,	6892
(2)	4759,	4038,	6892,	6241
(3)	6892,	6241,	4759,	4038
(4)	6892,	6241,	4038,	4759

3. What is the sum of 5274 and 1225?

(1) 6499

(2) 6472

(3) 4051

(4) 4049

4. What is the difference between 7408 and 2468?

(1) 4040

(2) 4940

(3) 5060

(4) 5160

5. Find the value of $72 \div 9$.

(1) 6

(2) 7

(3) 8

(4) 9

6. There are 524 erasers in a bag.
How many erasers are there in 8 such bags?

(1) 4062

(2) 4092

(3) 4162

(4) 4192

7. What is the remainder when 274 is divided by 7?

(1) 1

(2) 6

(3) 34

(4) 39

8. Which of the following is not an equivalent fraction of $\frac{1}{3}$?

(1) $\frac{2}{6}$

(2) $\frac{3}{9}$

(3) $\frac{8}{10}$

(4) $\frac{4}{12}$

9. Arrange the fractions in order, starting from the greatest.

$$\frac{3}{10}, \frac{5}{6}, \frac{6}{12}, \frac{1}{5}$$

Greatest	Smallest

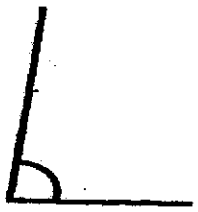
(1) $\frac{1}{5}, \frac{3}{10}, \frac{5}{6}, \frac{6}{12}$

(2) $\frac{5}{6}, \frac{6}{12}, \frac{3}{10}, \frac{1}{5}$

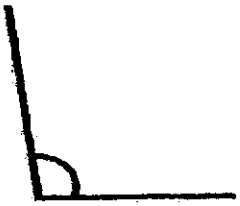
(3) $\frac{6}{12}, \frac{3}{10}, \frac{5}{6}, \frac{1}{5}$

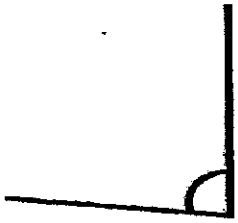
(4) $\frac{6}{12}, \frac{5}{6}, \frac{3}{10}, \frac{1}{5}$

10. Which of the following figures shows an angle that is greater than a right angle?

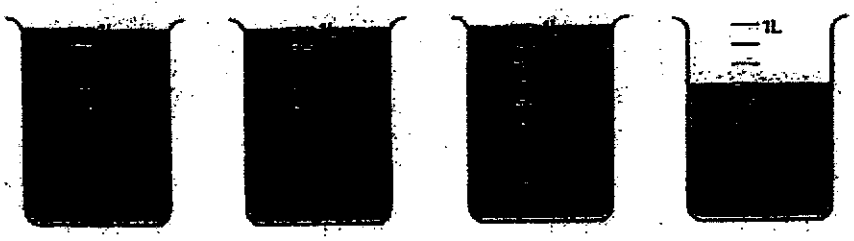
(1) 

(2) 

(3) 

(4) 

11. Manju prepared and poured some fruit juice into 4 containers as shown below.



How much fruit juice did she prepare altogether?

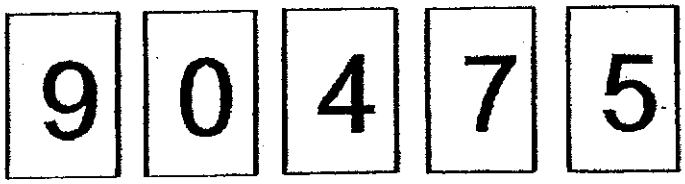
(1) 37 ml

(2) 370 ml

(3) 3070 ml

(4) 3700 ml

12. Melissa uses the following number cards to form the greatest 4-digit odd number.
Each card is only used once.



What is the number?

(1) 9754

(2) 9745

(3) 9570

(4) 9547

13. Look at the number pattern below.
The rule of the number pattern is to subtract 400 to get the next number.

9999, 9599, 9199, 8799, 8399, 7899

Which of the numbers in the number pattern is wrong?

(1) 9199

(2) 8799

(3) 8399

(4) 7899

14. There were 522 blue marbles.
The number of red marbles was 3 times as many as the number of blue marbles.
How many marbles were there altogether?

(1) 2088

(2) 1566

(3) 696

(4) 174

15. Mr Boo adds 2 g of sugar to his coffee each day.
He has 608 g of sugar.
How many days will Mr Boo take to finish all the sugar?

(1) 34

(2) 300

(3) 304

(4) 340

16. Aaron and his friends went running.
The table below shows the distance Aaron and his friends ran.
Who ran the furthest distance?

	Distance ran
Aaron	9870 cm
Benny	99 m
Charles	97 m 5 cm
Derek	9 km 9 m

(1) Aaron

(2) Benny

(3) Charles

(4) Derek

17. James bought a pair of pants and a shirt.
The pair of pants cost $37.40.
The shirt cost $24.50 less than the pair of pants.
How much did James spend on the 2 items altogether?

(1) $99.30

(2) $86.40

(3) $61.90

(4) $50.30

18. Siew Hui and her friends left an amusement park at 7.10 p.m.
They spent 8 h 35 min in the amusement park.
What time did they reach the amusement park?

(1) 10.35 a.m.

(2) 10.45 a.m.

(3) 11.35 a.m.

(4) 11.45 a.m.

19. A bookshelf can hold a total of 1124 books.
Muthu has 327 books on the bookshelf.
He wants to buy more books to fill his bookshelf completely.
Each box contains 9 books.
What is the smallest number of boxes of books that Muthu needs to buy?

(1) 88

(2) 89

(3) 124

(4) 125

20. There is a 4-digit number.
The first digit and the last digit of the number are even.
The difference between the first digit and the last digit of the number is 2.
The digit in the hundreds place is the sum of the digit in the thousands place and tens place.
What is the number?

(1) 4532

(2) 4732

(3) 6734

(4) 6932

NANYANG PRIMARY SCHOOL

END-OF-YEAR EXAMINATION 2020

PRIMARY 3

MATHEMATICS
(BOOKLET B)

Total Duration for Booklets A and B: 1 hour 45 minutes

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Name: _____ ( )

Class: Primary 3 ( )

Parent's Signature: _____

Booklet A	**/ 40**
Booklet B	**/ 60**
Total	**/ 100**

Please sign and return the examination paper the next day. Any queries should be raised at the same time when returning the paper.

Questions 21 to 40 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

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21. Mrs Tan had some chocolate cupcakes and strawberry cupcakes at first. After she sold 675 chocolate cupcakes and 525 strawberry cupcakes, she had 100 cupcakes left.
How many chocolate cupcakes and strawberry cupcakes did Mrs Tan have at first?

Ans: _____

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22. What is the missing numerator?

$$\frac{2}{7} = \frac{\boxed{?}}{28}$$

Ans: _____

---

23. Write 3 h 43 min in minutes.

Ans: _____ min

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24. What is the missing fraction?

$$\frac{3}{8} + \frac{1}{4} = \boxed{?}$$

Ans: _____

---

25. There are 7 bars of chocolate and 6 lollipops in each bag.
There are a total of 35 bars of chocolate.
How many lollipops are there in all the bags?

Ans: _____

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26. Alice collected 197 stamps.
Zheng Xin collected 2 times as many stamps as Alice.
Howard collected 48 more stamps than Zheng Xin.
How many stamps did Howard collect?

Ans: _____

---

27. Ismail had 869 cookies.
He packed all of them into boxes of 8 with some cookies left over.
How many cookies were left over?

Ans: _____

---

28. Each packet of flour weighs 220 g.
A baker has 4 such packets of flour.
He wants to bake 8 similar cakes with all the packets of flour.
How much flour will he use to bake one cake?

Ans: _____ g

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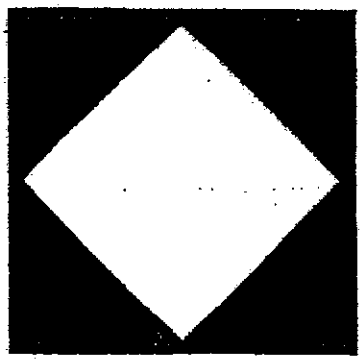
29. Study the figure given below.



What fraction of the figure is shaded?
Write the fraction in its simplest form.

Ans: _____

---

30. Study the fractions below.

Which of the two fractions add up to make 1 whole?

Ans: _____ and _____

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31. Mr Lim bought a book for $20.55 and a calculator for $49.90.
He gave the cashier a $100 note.
How much change did he receive?

Ans: $ _____

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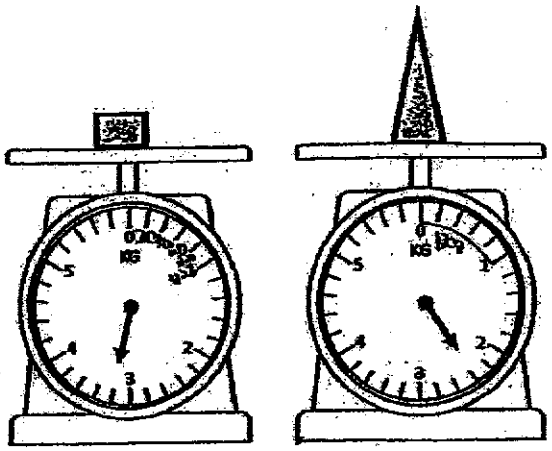
32. The weighing scales below show the masses of the following objects.



What is the total mass of the 2 objects?
Give your answer in grams.

Ans:_____ g

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33. The capacity of a container is 990 mL.
5 identical full bottles of water are needed to fill the container completely.
2 identical full cups of water are needed to fill the bottle completely.
What is the capacity of each cup?

Ans: _____ ml

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34. Srija watched a movie at 10.45 a.m.
The movie ended 2 h 30 min later.
What time did Srija finish watching the movie?
Give your answer in a.m. or p.m.

Ans: _____

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35. Alicia and Bernice had an equal number of stickers at first.
Alicia used 1452 of her stickers and Bernice used 367 of her stickers.
Bernice then bought another 230 stickers.
How many more stickers did Bernice have than Alicia in the end?

Ans: _____

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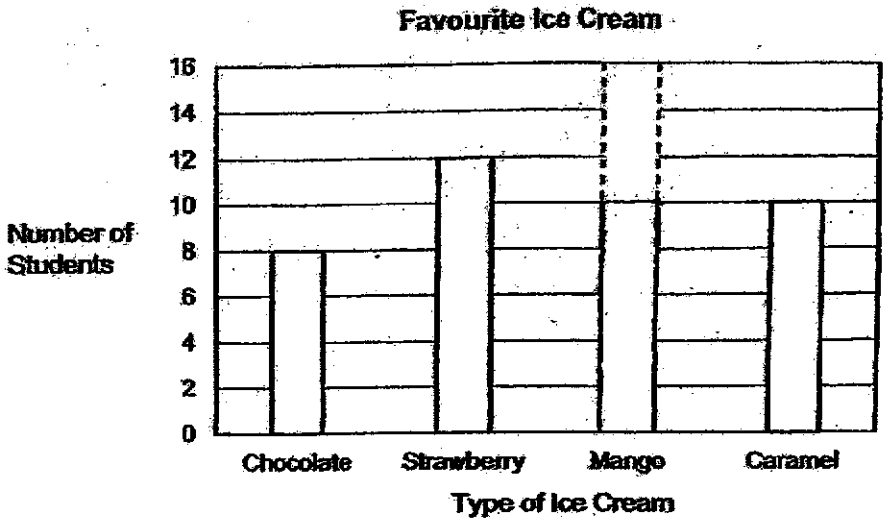
36. The bar graph below shows the favourite ice cream flavours of a class of 40 students.

Complete the bar graph by drawing the bar that shows the number of students who chose mango ice cream.



37. Lynn had some beads at first.
Janice had 464 fewer beads than Lynn.
How many beads must Lynn give to Janice so that both of them would have the same number of beads in the end?

Ans: _____

38. Mr Toh bought 2 similar books and 3 similar magazines for $24.90.
1 such book and 1 such magazine cost a total of $10.
How much did 1 magazine cost?

Ans: $ _____

---

39. En Xi had some pencils at first.
She gave 472 of her pencils away and bought 158 pencils.
In the end, she had 636 pencils.
How many pencils did En Xi have at first?

Ans: _____

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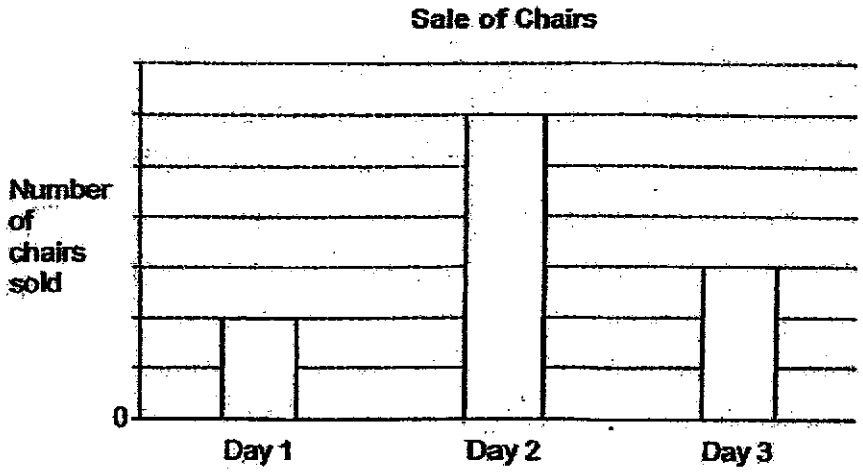
40. The bar graph below shows the number of chairs Sandy sold in 3 days.



Sandy sold 20 more chairs on Day 2 than Day 1.
How many chairs were sold on Day 3?

Ans: _____

For questions 41 to 45, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (20 marks)

41. Ahmad has 738 sweets.
He has 129 more sweets than Wayne.

(a) How many sweets does Wayne have?

Ahmad gives all his sweets equally to 6 people.

(b) How many sweets does each person get?

Ans: (a) _____ [2]

(b) _____ [2]

42. The route details of the MRT Triangle Line are as shown below.

MRT Stations		Estimated Travel Time
From	To	
Cashew	Peanut	15 min
Peanut	Almond	19 min
Almond	Chestnut	13 min
Chestnut	Hazelnut	20 min

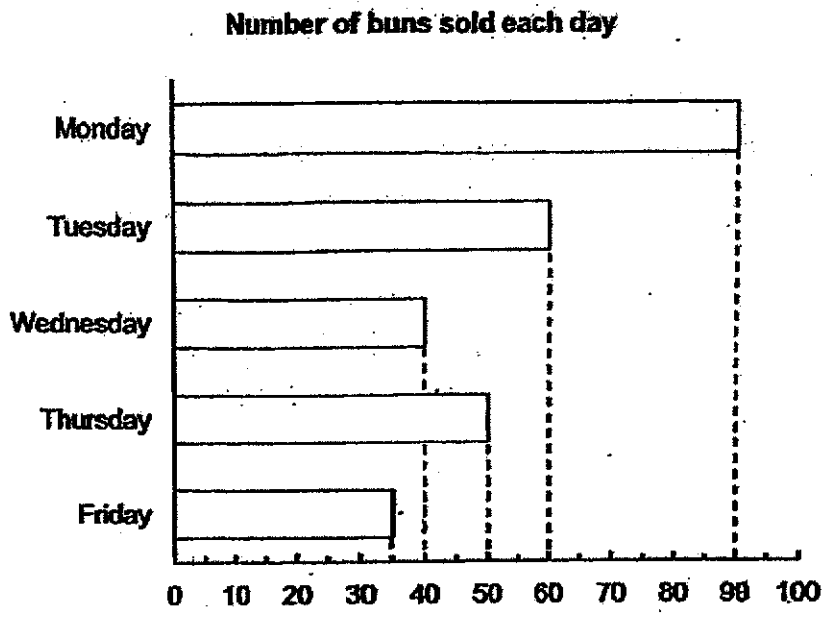
(a) A train left Cashew MRT station at 10.58 a.m.
What time would the train reach Peanut MRT station?

(b) Fandi reached Hazelnut MRT station.
He had spent about 52 minutes travelling on the train.
Which station did he take the train from?

Ans: (a) _____ [2]

(b) _____ [2]

43. A baker baked 100 buns each day.
The bar graph shows the number of buns that were sold each day.



(a) How many buns were left unsold on Friday?

(b) [illegible] was sold for $0.
How much did the baker receive from the sale of buns on Tuesday?

Ans: (a) _____ [2]

(b) _____ [2]

44. A tank was filled with 6780 ml of water.
Sam poured out 729 ml of water from the tank into an empty container.

(a) How much water was left in the tank?
Give your answer in litres and millilitres.

Sam poured out all the water from the container into 9 similar cups.
He filled each cup to the brim before filling the next cup.
In the end, he was short of 171 ml of water.

(b) What was the capacity of each cup?

Ans: (a) _____ [2]

(b) _____ [2]

45. There are 13 dogs and chickens altogether.
They have a total of 44 legs.

(a) How many dogs are there?

(b) How many more dogs than chickens are there?

Ans: (a) _____ [3]

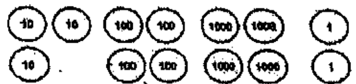
(b) _____ [1]

End of Paper

P3 Maths [illegible] 2020

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (40 marks)

1. What is the number shown by the number discs below?



30 400 4000 2

(1) 4432
(2) 4342
(3) 3442
(4) 3244

(1)

2. Arrange the following numbers in order, starting with the greatest number.

6241	4799	4036	6892

Greatest Smallest

(1) 4036, 4799, 6241, 6892
(2) 4799, 4036, 6892, 6241
(3) 6892, 6241, 4799, 4036
(4) 6892, 6241, 4036, 4799

(3)

3. What is the sum of 5274 and 1225?

(1) 6499
(2) 6472
(3) 4061
(4) 4049

5274 + 1225 = 6499

(1)

4. What is the difference between 7408 and 2468?

(1) 4040
(2) 4940
(3) 5060
(4) 5160

7408 − 2468 = 4940

(2)

5. Find the value of 72 ÷ 9.

(1) 6
(2) 7
(3) 8
(4) 9

(3)

6. There are 524 erasers in a bag. How many erasers are there in 8 such bags?

(1) 4062
(2) 4092
(3) 4182
(4) 4192

524 × 8 = 4192

(4)

7. What is the remainder when 274 is divided by 7?

(1) 1
(2) 6
(3) 34
(4) 39

(1)

8. Which of the following is not an equivalent fraction of $\frac{1}{3}$?

(1) [illegible] $= \frac{1}{3}$
(2) [illegible] $= \frac{1}{3}$
(3) [illegible] $= \frac{4}{5}$
(4) [illegible] $= \frac{1}{3}$

(3)

9. Arrange the fractions in order, starting with the greatest.

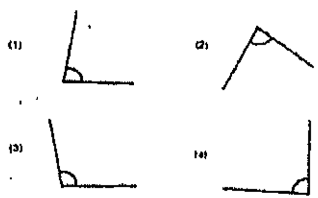
$\frac{3}{10}, \frac{3}{8}, \frac{6}{12}, \frac{1}{5}$

Greatest Smallest

(1) $\frac{1}{5}, \frac{3}{10}, \frac{3}{8}, \frac{6}{12}$
(2) $\frac{3}{8}, \frac{6}{12}, \frac{3}{10}, \frac{1}{5}$
(3) $\frac{6}{12}, \frac{3}{10}, \frac{3}{8}, \frac{1}{5}$
(4) $\frac{6}{12}, \frac{3}{8}, \frac{3}{10}, \frac{1}{5}$

(2)

10. Which of the following figures shows an angle that is greater than a right angle?



(1) (2) (3) (4)

(3)

11. [illegible] prepared and poured some fruit juice into 4 containers as shown below.

1000ml 1000ml 1000ml 700ml

1L = 1000mL

How much fruit juice did she prepare altogether?

(1) 37 ml
(2) 370 ml
(3) 3070 ml
(4) 3700 ml

(4)

12. Melissa uses the following number cards to form the greatest 4-digit odd number. Each card is only used once.

9	0	4	7	5

What is the number?

(1) 9754
(2) 9745
(3) 9570
(4) 9547

(2)

13. Look at the number pattern below. The rule of the number pattern is to subtract 400 to get the next number.

9999, 9599, 9199, 8799, 8399, 7899

Which of the numbers in the number pattern is wrong?

(1) 9199
(2) 8799
(3) 8399
(4) 7899

(4)

14. There were 522 blue marbles. The number of red marbles was 3 times as many as the number of blue marbles. How many marbles were there altogether?

(1) 2088
(2) 1566
(3) 966
(4) 174

522 × 4 = 2088

(1)

15. Mr Boo adds 2 g of sugar to his coffee each day. He has 608 g of sugar. How many days will Mr Boo take to finish all the sugar?

(1) 34
(2) 300
(3) 304
(4) 340

(3)

16. Aaron and his friends went running. The table below shows the distance Aaron and his friends ran. Who ran the furthest distance?

	Distance ran
Aaron	9870 cm
Benny	99 m
Charles	97 m 1 cm
Derek	9 km 9 m

1km = 1000 m
1m = 100cm

(1) Aaron
(2) Benny
(3) Charles
(4) Derek

(4)

17. James bought a pair of pants and a shirt. The pair of pants cost $37.40. The shirt cost $24.50 less than the pair of pants. How much did James spend on the 2 items altogether?

(1) $99.30
(2) $86.40
(3) $61.90
(4) $50.30

Shirt → $37.40 − $24.50 = $12.90
Total → $37.40 + $12.90 = $50.30

(4)

18. Sara Hui and her friends left an amusement park at 7.10 p.m. They spent 8 h 35 min in the amusement park. What time did they reach the amusement park?

(1) 10.35 a.m.
(2) 10.45 a.m.
(3) 11.35 a.m.
(4) 11.45 a.m.

(1)

19. A bookshelf can hold a total of 1124 books. Muthu has 327 books on the bookshelf. He wants to buy more books to fill the bookshelf completely. Each box contains 9 books. What is the smallest number of boxes of books that Muthu needs to buy?

(1) 88
(2) 89
(3) 124
(4) 125

1124 − 327 = 797
797 ÷ 9 = 88 R(5)
88 + 1 = 89

(2)

20. There is a 4-digit number. The first digit and the last digit of the number are even. The difference between the first digit and the last digit of the number is 2. The digit in the hundreds place is the sum of the digits in the thousands place and tens place. What is the number?

(1) 4532
(2) 4732
(3) 6734
(4) 8632

(2)

P5 Maths End-of-Year Exam 2020

Questions 21 to 40 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

21. Mrs Tan had some chocolate cupcakes and strawberry cupcakes at first. After she sold 675 chocolate cupcakes and 525 strawberry cupcakes, she had 100 cupcakes left. How many chocolate cupcakes and strawberry cupcakes did Mrs Tan have at first?

? —(−675)→ [ ] —(−525)→ 100

100 + 525 = 625

625 + 675 = 1300 (Ans)

Ans: 1300

22. What is the missing numerator?

$\frac{2}{7} = \frac{?}{28}$

$\frac{2 \times 4}{7 \times 4} = \frac{8}{28}$

Ans: 8

23. Write 3 h 43 min in minutes.

1 h = 60 min

3 h = 60 min × 3 = 180 min

3 h 43 min = 180 min + 43 min = 223 min (Ans)

Ans: 223 min

24. What is the missing fraction?

$\frac{3}{8} + \frac{1}{4} = ?$

$\frac{1 \times 2}{4 \times 2} = \frac{2}{8}$

$\frac{3}{8} + \frac{1}{4} = \frac{3}{8} + \frac{2}{8} = \frac{5}{8}$ (Ans)

Ans: $\frac{5}{8}$

25. There are 7 bars of chocolate and 6 lollipops in each bag. There are a total of 35 bars of chocolate. How many lollipops are there in all the bags?

35 ÷ 7 = 5

6 × 5 = 30 (Ans)

Ans: 30

26. Alice collected 197 stamps. Zheng Xin collected 2 times as many stamps as Alice. Howard collected 48 more stamps than Zheng Xin. How many stamps did Howard collect?

Z.X. → 197 × 2 = 394

H → 394 + 48 = 442 (Ans)

Ans: 442

27. Ismail had 869 cookies. He packed all of them into boxes of 8 with some cookies left over. How many cookies were left over?

869 ÷ 8 = 108 R(5)

Ans: 5

28. Each packet of flour weighs 220 g. A baker has 4 such packets of flour. He wants to bake 8 similar cakes with all the packets of flour. How much flour will he use to bake one cake?

220 × 4 = 880

880 ÷ 8 = 110 (Ans)

Ans: 110 g

29. Study the figure given below.

$\frac{4 \div 4}{8 \div 4} = \frac{1}{2}$

What fraction of the figure is shaded? Write the fraction in its simplest form.

Ans: $\frac{1}{2}$

30. Study the fractions below.

$\frac{1}{3}$ ✓ $\frac{4}{8}$ $\frac{1}{2}$ $\frac{2}{3}$ ✓ $\frac{1}{4}$ $\frac{2}{5}$

Which of the two fractions add up to make 1 whole?

$\frac{1}{3} + \frac{2}{3} = \frac{3}{3}$ = 1 whole

Ans: $\frac{1}{3}$ and $\frac{2}{3}$

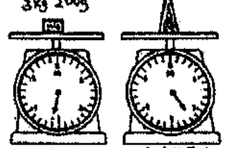
31. Mr Lim bought a book for $20.55 and a calculator for $49.90. He gave the cashier a $100 note. How much change did he receive?

Spent → $20.55 + $49.90 = $70.45

Change → $100 − $70.45 = $29.55 (Ans)

Ans: $29.55

32. The weighing scales below show the masses of the following objects.



1kg = 1000g

What is the total mass of the 2 objects? Give your answer in grams.

3200 + 2400 = 5600 (Ans)

Ans: 5600 g

33. The capacity of a container is 990 ml. 5 identical full bottles of water are needed to fill the container completely. 2 identical full cups of water are needed to fill the bottle completely. What is the capacity of each cup?

1 bottle → 990 ÷ 5 = 198

1 cup → 198 ÷ 2 = 99 (Ans)

Ans: 99 ml

34. Bala watched a movie at 10.45 a.m. The movie ended 2 h 30 min later. What time did Bala finish watching the movie? Give your answer in a.m. or p.m.

10.45 a.m. —2 h→ 12.45 p.m. —15 min→ 1 p.m. —15 min→ 1.15 p.m.

Ans: 1.15 p.m.

35. Alicia and Bernice had an equal number of stickers at first. Alicia used 1452 of her stickers and Bernice used 367 of her stickers. Bernice then bought another 230 stickers. How many more stickers did Bernice have than Alicia in the end?

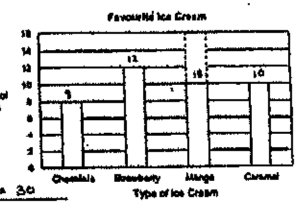
367 − 230 = 137

1452 − 137 = 1315 (Ans)

Ans: 1315

36. The bar graph below shows the favourite ice cream flavours of a class of 40 students.

Complete the bar graph by drawing the bar that shows the number of students who chose mango ice cream.



9 + 12 + 10 = 30

40 − 30 = 10

37. Lynn had some beads at first. Janice had 464 fewer beads than Lynn. How many beads must Lynn give to Janice so that both of them would have the same number of beads in the end?

464 ÷ 2 = 232 (Ans)

Ans: 232

38. Mr Tan bought 2 similar books and 3 similar magazines for $24.90. 1 such book and 1 such magazine cost a total of $10. How much did 1 magazine cost?

2 books + 2 magazines → $10 × 2 = $20

2 books + 3 magazines → $24.90

1 magazine → $24.90 − $20 = $4.90 (Ans)

Ans: $4.90

39. Eu Xi had some pencils at first. She gave 472 of her pencils away and bought 158 pencils. In the end, she had 636 pencils. How many pencils did Eu Xi have at first?

? —(−472)→ [ ] —(+158)→ 636

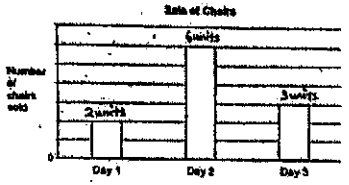
636 − 158 = 478

478 + 472 = 950 (Ans)

Ans: 950

BP~559

40. The bar graph below shows the number of chairs Sandy sold in 3 days.



Sandy sold 20 more chairs on Day 2 than Day 1.
How many chairs were sold on Day 3?

6 units − 2 units = 4 units
4 units = 20
1 unit = 20 ÷ 4 = 5
3 units = 5 × 3 = 15 (Ans)

Ans: 15

For questions 41 to 45, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part question. (20 marks)

41. Ahmad has 738 sweets.
He has 129 more sweets than Wayne.

(a) How many sweets does Wayne have?

738 − 129
= 609 (Ans)

609
738
−129

Ahmad gives all his sweets equally to 6 people.

(b) How many sweets does each person get?

738 ÷ 6 = 123 (Ans)

123
6 | 738
−6 ↓
−12 ↓
18
−18
00

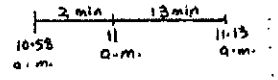
Ans: (a) 609 [1]
(b) 123 [2]

10

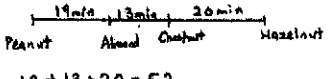
42. The route details of the MRT Triangle Line are as shown below.

MRT Stations		Estimated Travel Time
From	To	
Cashew	Peanut	13 min
Peanut	Almond	19 min
Almond	Chestnut	13 min
Chestnut	Hazelnut	20 min

(a) A train left Cashew MRT station at 10.58 a.m.
What time would the train reach Peanut MRT station?



(b) Farid reached Hazelnut MRT station.
He had spent about 62 minutes travelling on the train.
Which station did he take the train from?

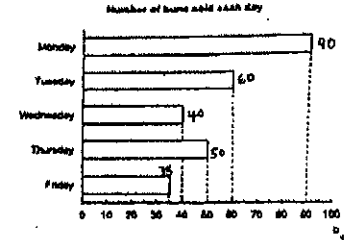


19 + 13 + 20 = 52

Ans: (a) 11·13 a.m. [2]
(b) Peanut [2]

11

43. A baker baked 100 buns each day.
The bar graph shows the number of buns that were sold each day.



(a) How many buns were left unsold on Friday?

100 − 35 = 65 (Ans)

(b) Each bun was sold for $3.
How much did the baker receive from the sale of buns on Tuesday?

60 × $3 = $180 (Ans)

Ans: (a) 65 [1]
(b) $180 [1]

12

44. A tank was filled with 6780 ml of water.
Sam poured out 729 ml of water from the tank into an empty container.

(a) How much water was left in the tank?
Give your answer in litre and millilitre.

6780 − 729 = 6051
1 L = 1000 mL
6051 mL = 6 L 51 mL (Ans)

6780
−729
6051

Sam poured out all the water from the container into 9 similar cups.
He filled each cup to the brim before filling the next cup.
In the end, he was short of 171 ml of water.

(b) What was the capacity of each cup?

729 + 171 = 900
900 ÷ 9 = 100 (mL)

729
+171
900

Ans: (a) 6 L 51 mL [2]
(b) 100 mL [2]

13

45. There are 13 dogs and chickens altogether.
They have a total of 44 legs.

(a) How many dogs are there?

Number of dogs	Number of chickens	Total number of animal legs	Total legs	check
7	6	7+6 = 13	7×4 = 28 6×2 = 12 28+12 = 40	×
8	5	8+5 = 13	8×4 = 32 5×2 = 10 32+10 = 42	×
(9)	4	9+4 = 13	9×4 = 36 4×2 = 8 36+8 = 44	✓

(b) How many more dogs than chickens are there?

9 − 4 = 5 (Ans)

Ans: (a) 9 [3]
(b) 5 [1]

End of Paper