

This test covers material students should know before starting Primary Mathematics SIE 3A.

1 Fill in the missing numbers.

(a) $362 = \boxed{}$ hundreds 6 tens 2 ones

(b) $205 = 2$ hundreds $\boxed{}$ tens 5 ones

(c) $597 = 500 + \boxed{} + 7$

(d) $430 = 400 + \boxed{}$

(e) In 508, the digit $\boxed{}$ is in the hundreds place.

(f) In 354, the digit 5 has a value of $\boxed{}$.

(g) Six hundred and thirty-five is $\boxed{}$.

2 Fill in each $\bigcirc$ with $>$ or $<$.

(a) $234 \bigcirc 243$

(b) $970 \bigcirc 907$

(c) $568 \bigcirc 565$

(d) $241 \bigcirc 421$

3 Compare 938, 839, and 983.

(a) is the smallest number.

(b) is the greatest number.

(c) Arrange the numbers in order. Begin with the greatest.

, ,

4 Fill in the missing numbers.

(a) 283, 293, , 313, 323, , 343

(b) 775, , 765, 760, , 750,

(c) 94, 98, 102, , 110, 114,

5 Circle the odd numbers.

18

7

11

12

3

20

6 Fill in the missing numbers.

(a) $125 + \text{} = 165$

(b) $663 + \text{} = 963$

(c) $57 + \text{} = 387$

7 Fill in the missing numbers.

(a) $972 - \boxed{} = 472$

(b) $285 - \boxed{} = 245$

(c) $357 - \boxed{} = 55$

8 Add.

(a)

	5	7	5
+		3	8

(b)

	7	3	6
+	1	9	2

9 Subtract.

(a)

	3	5	3
-	2	4	5

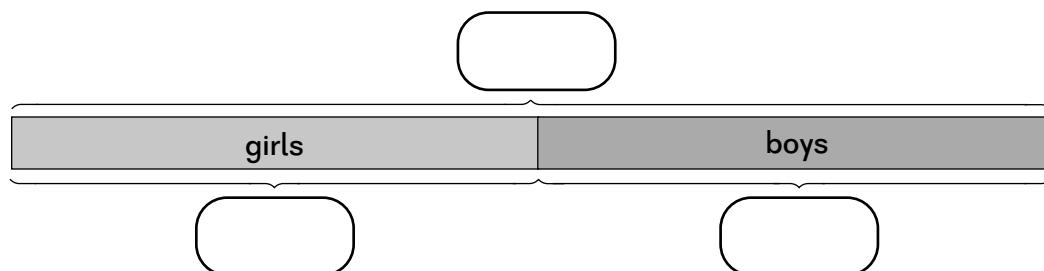
(b)

	6	1	3
-	1	3	7

10 (a) Add 362 and 258.

(b) Subtract 531 from 700.

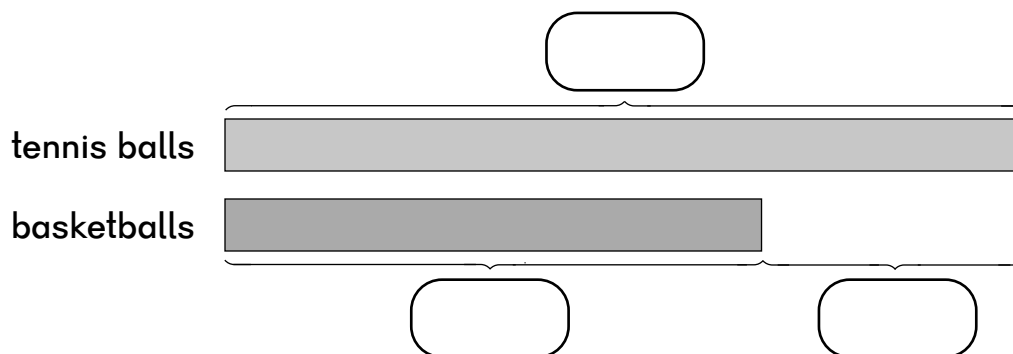
- 11** There are 847 students at Bukit Heights Primary School.
There are 455 girls.
How many boys are there?



$$\boxed{} \ominus \boxed{} = \boxed{}$$

There are $\boxed{}$ boys.

- 12** A sports store sold 316 tennis balls last month.
It sold 108 fewer basketballs than tennis balls.
How many basketballs did the sports shop sell last month?



$$\boxed{} \ominus \boxed{} = \boxed{}$$

The sports shop sold $\boxed{}$ basketballs last month.

- 13** A library has 450 history books.

It has 229 science books.

How many more history books than science books does the library have?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

The library has $\boxed{}$ more history books than science books.

- 14** Gopal has 218 stamps.

He has 58 fewer stamps than Jaiden.

How many stamps does Jaiden have?

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

Jaiden has $\boxed{}$ stamps.

15 Write the amount of money in dollars.

(a) $285\text{¢} = \$$

(b) $43\text{¢} = \$$

16 Write the amount of money in cents.

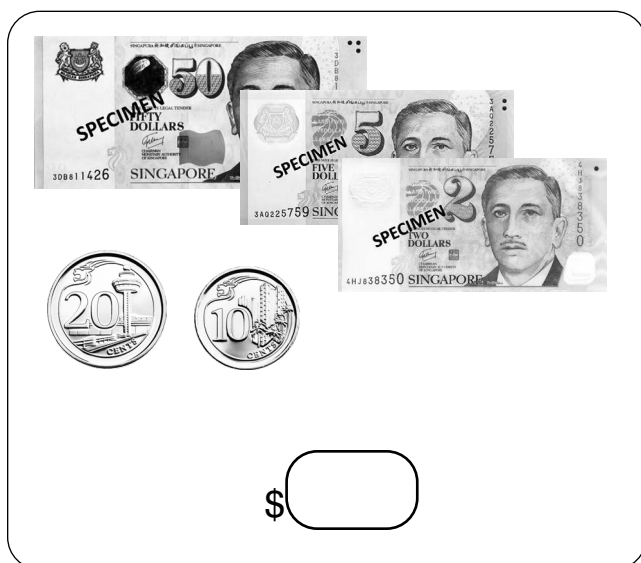
(a) $\$6.40 =$ ¢

(b) $\$0.87 =$ ¢

(c) nine dollars and five cents = ¢

17 Write the amount of money in each set.
Which set has more money?

Set A



Set B



Set has more money than Set .

- 18** Shari bought a fan for \$35 and a TV for \$325.
She gave the cashier \$400.

(a) How much money did she spend?

$$\boxed{} \text{ } \bigcirc \text{ } \boxed{} = \boxed{}$$

She spent \$.

(b) How much change did she get?

$$\boxed{} \text{ } \bigcirc \text{ } \boxed{} = \boxed{}$$

She got \$ change.

- 19** Bicycle A cost \$130.
Bicycle B cost \$55 more than Bicycle A.
Huiling bought Bicycle B.
She had \$15 left.

(a) How much money did she spend?

$$\boxed{} \ominus \boxed{} = \boxed{}$$

She spent \$.

(b) How much money did she have at first?

$$\boxed{} \ominus \boxed{} = \boxed{}$$

She had \$ at first.

- 20** Write a family of multiplication and division facts with the given numbers.

8

32

4

$$\boxed{} \times \boxed{} = \boxed{}$$

$$\boxed{} \times \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{}$$

- 21** Fill in the missing numbers.

(a) $9 \times \boxed{} = 27$

(b) $\boxed{} \times 4 = 16$

(c) $21 \div 3 = \boxed{}$

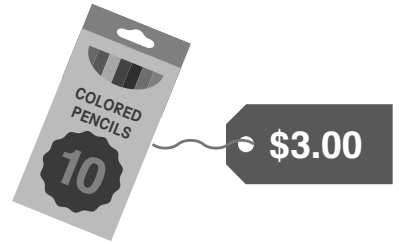
(d) $\boxed{} \div 3 = 3$

(e) $4 \times 7 = \boxed{}$

(f) $6 \times \boxed{} = 24$

(g) $20 \div \boxed{} = 5$

- 22 (a) Min bought 8 packs of colored pencils.
Each pack has 10 pencils.
How many pencils did she buy?



$$\boxed{} \times \boxed{} = \boxed{}$$

She bought $\boxed{}$ pencils.

- (b) Each pack cost \$3.00.
How much money did she spend?

$$\boxed{} \times \boxed{} = \boxed{}$$

She spent \$ $\boxed{}$.

- (c) Min paid for the pencils with a single note and got \$26 in change.
What note did she pay with?

$$\boxed{} - \boxed{} = \boxed{}$$

She paid with a \$ $\boxed{}$ note.

- (d) Amiya spent \$18 to buy packs of the pencils.
How many packs did Amiya buy?

$$\boxed{} \times \boxed{} = \boxed{}$$

Amiya bought $\boxed{}$ packs of pencils.

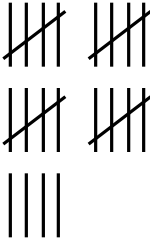
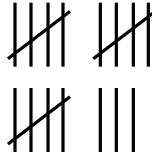
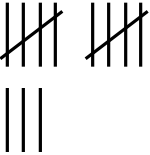
23 This picture graph shows the number of birthday cakes sold by a bakery this week.



Each ● stands for 4 cakes.

- (a) On which day were the most cakes sold?
- (b) How many more cakes did the bakery sell on Friday than on Monday?
- (c) How many cakes were sold on Thursday?
- (d) On which two days were the same number of cakes sold?
- (e) On what day were 16 cakes sold?

- 24** Some students were asked to choose their favourite pizza.
Results of the survey are shown below.

Sausage Pizza	Tuna Pizza	Cheese Pizza	Vegetable Pizza
			

Write the number of students who chose each type of pizza in the table.

Types of Pizza	Number of Students
Sausage	
Tuna	
Cheese	
Vegetable	

Answer Key

- 1** (a) 3
(b) 0
(c) 90
(d) 30
(e) 5
(f) 50
(g) 635

- 2** (a) <
(b) >
(c) >
(d) <

- 3** (a) 839
(b) 983
(c) 983, 938, 839

- 4** (a) 303 333
(b) 770 755 745
(c) 106 118

- 5** 18 7 11 12 3 20

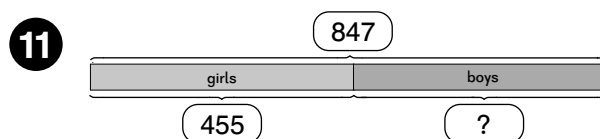
- 6** (a) 40
(b) 300
(c) 330

- 7** (a) 500
(b) 40
(c) 302

- 8** (a) 613
(b) 928

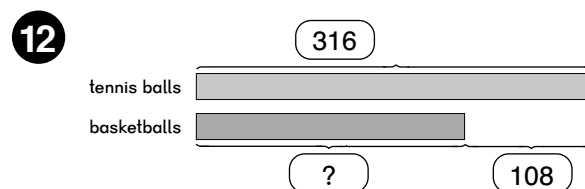
- 9** (a) 108
(b) 476

- 10** (a) 620
(b) 169



$$847 - 455 = 392$$

392



$$316 - 108 = 208$$

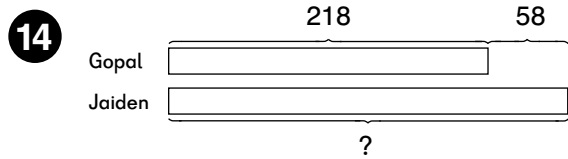
208



$$450 - 229 = 221$$

221

Answer Key



$$218 + 58 = 276$$

276

- 15** (a) 2.85
(b) 0.43

- 16** (a) 640
(b) 87
(c) 905

- 17** Set A: \$57.30
Set B: \$41.75
Set A has more money than Set B.

- 18** (a) $325 + 35 = 360$
360
(b) $400 - 360 = 40$
40

- 19** (a) $130 + 55 = 185$
185
(b) $185 + 15 = 200$
200

- 20** $8 \times 4 = 32$ $4 \times 8 = 32$
 $32 \div 4 = 8$ $32 \div 8 = 4$

- 21** (a) 3
(b) 4
(c) 7
(d) 9
(e) 28
(f) 4
(g) 4

- 22** (a) $8 \times 10 = 80$
80
(b) $8 \times 3 = 24$
24
(c) $24 + 26 = 50$
50
(d) $18 \div 3 = 6$
6

- 23** (a) Friday
(b) 12
(c) 18
(d) Monday and Wednesday
(e) Tuesday

- 24** Sausage 24
Tuna 22
Cheese 18
Vegetable 13