

# NOMBOR BULAT DAN OPERASI

## WHOLE NUMBERS AND OPERATIONS

1.1 KENAL DAN TULIS NOMBOR / RECOGNISE AND WRITE NUMBERS

1.2 TEROKA NOMBOR / EXPLORE NUMBERS

**A** Tuliskan dalam perkataan dan sebaliknya.  
Write in words and vice versa. SP 1.1.1

TP 1

Contoh:  
Example:

347 623

Tiga ratus empat puluh tujuh ribu enam ratus dua puluh tiga  
Three hundred forty-seven thousand six hundred and twenty-three

| ratus ribu<br>hundred thousands | puluh ribu<br>ten thousands | ribu<br>thousands | ratus<br>hundreds | puluh<br>tens | sa<br>ones |
|---------------------------------|-----------------------------|-------------------|-------------------|---------------|------------|
| 3                               | 4                           | 7                 | 6                 | 2             | 3          |

1 257 890

2 107 234

3 223 755

4 Tujuh ratus empat puluh sembilan ribu dua ratus enam puluh satu  
Seven hundred forty-nine thousand two hundred and sixty-one

5 Empat ratus lima ribu tujuh ratus sebelas  
Four hundred five thousand seven hundred and eleven

6 Tiga ratus lima puluh enam ribu dua ratus lapan  
Three hundred fifty-six thousand two hundred and eight

7 Tujuh ratus tiga puluh lima ribu enam puluh sembilan  
Seven hundred thirty-five thousand and sixty-nine

## TP 2

**SP 1.1.2**

*Example:*

Place value:

Digit value:

20 000

- Place value:

Digit value:

- Place value:

Digit value:

- Place value:

Digit value:

- Place value:

Digit value:

- Place value.

Digit value:

## TP 2

**SP 1.1.2**

- 5  $48\,728 = 8 + 40\,000 + \boxed{\phantom{00000}} + 700 + 20$

### 1.3 BANDING DAN SUSUN NOMBOR / COMPARE AND ARRANGE NUMBERS

#### A Nombor yang manakah lebih besar?

Which number is larger? SP 1.1.2

TP 2

1

323 999

323 898

3

127 654

127 754

2

764 675

786 675

4

421 254

521 254

#### B Bulatkan jawapan yang sesuai.

Circle the correct answer. SP 1.1.2

TP 2

1

354 266

lebih daripada  
more than

kurang daripada  
less than

354 256

2

713 876

lebih daripada  
more than

kurang daripada  
less than

723 876

3

413 489

kurang daripada  
less than

lebih daripada  
more than

613 489

4

365 123

lebih daripada  
more than

kurang daripada  
less than

378 654

5

123 456

kurang daripada  
less than

lebih daripada  
more than

123 446

#### C Susun nombor dan isikan nilai yang mungkin dalam tertib menaik dan tertib menurun.

Arrange the numbers and fill in the possible values in ascending and descending order. SP 1.1.2

TP 2-3

1

145 442

135 837

168 527

183 726

103 285

Tertib menaik:  
Ascending order:

Tertib menurun:  
Descending order:

2

327 637

307 637

347 637

317 637

337 637

Tertib menaik:  
Ascending order:

Tertib menurun:  
Descending order:

3 353 470 364 571 338 672 397 732 378 643

Tertib menaik:  
Ascending order:

Tertib menurun:  
Descending order:

4 123 532, 133 532, 143 532, , 163 532

5 265 341, 255 341, , 235 341, 225 341

6 437 296, 438 296, 439 296, 440 296,

#### 1.4 NOMBOR PERDANA / PRIME NUMBERS

A **Kenal pasti dan bulatkan nombor perdana.**  
Identify prime numbers and circle them. SP 1.2.1

TP 2

Contoh:  
Example:

**Nombor Perdana**  
Prime Number

◆ lebih besar daripada 1  
greater than 1

◆ hanya boleh dibahagi dengan 1 dan diri sendiri  
can only be divided by 1 and itself

1 1 2 3 4 5 6 7 8

2 31 32 33 34 35 36 37 38

3 53 54 55 56 57 58 59 60

4 71 72 73 74 75 76 77 78

B **Jawab soalan di bawah.**  
Answer the questions below. SP 1.2.1

TP 2

1 Senaraikan nombor perdana daripada 20 hingga 50.  
List all prime numbers from 20 to 50.

2 Senaraikan nombor perdana daripada 70 hingga 100.  
List all prime numbers from 70 to 100.

## 1.5 POLA NOMBOR / NUMBER PATTERNS

### A Tentukan pola nombor di bawah.

Determine the number patterns below. SP 1.5.1 SP 1.5.2

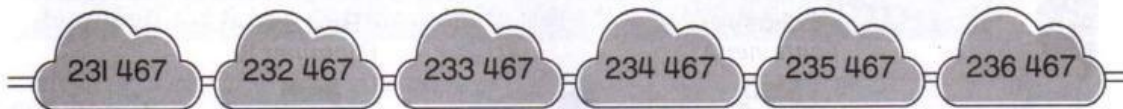
TP 2-3

Contoh:  
Example:



- (a) Nyatakan pola nombor di atas:  
State the number pattern above: Tertib menaik seratus ribu-seratus ribu  
Ascending order by hundred thousands
- (b) Nyatakan nombor ke-3:  
State the 3rd number: 651 269
- (c) 851 269 ialah nombor ke berapa dalam pola di atas?  
Number 851 269 is at which position in the pattern above? Nombor kelima  
Fifth number

1



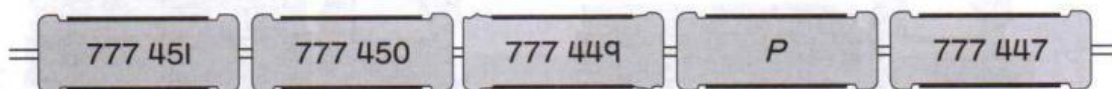
- (a) Nyatakan pola nombor di atas:  
State the number pattern above:
- (b) Nyatakan nombor ke-3:  
State the 3rd number:
- (c) 235 467 ialah nombor ke berapa dalam pola nombor di atas?  
Number 235 467 is at which position in the pattern above?

2



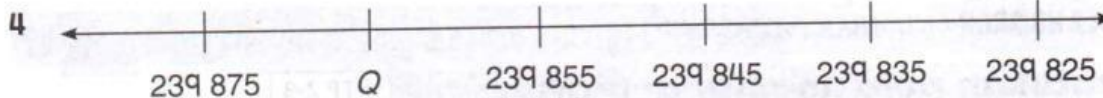
Nyatakan nilai x berdasarkan susunan kad nombor di atas:  
State the value of x based on the arrangement of the number cards above:

3



Berdasarkan pola nombor di atas:  
Based on the number pattern above:

- (a) Nyatakan pola nombor:  
State the number pattern:
- (b) Nyatakan nilai P:  
State the value of P:



- (a) Nyatakan pola nombor di atas:  
State the number pattern above:

- (b) Nyatakan nilai Q:  
State the value of Q:

- (c) 239 845 ialah nombor ke berapa dalam nombor pola di atas?  
Number 239 845 is at which position in the pattern above?

## 1.6 ANGGAH KUANTITI / ESTIMATE QUANTITIES

**A** **Anggarkan.**  
Estimate. **SP 1.3.1**

TP 3

1

Bekas A  
Container A



300 000 ml

Bekas B  
Container B



?

Apakah anggaran isi padu air di dalam bekas B?  
What is the estimated volume of water in container B?

2

Lori A  
Lorry A



?

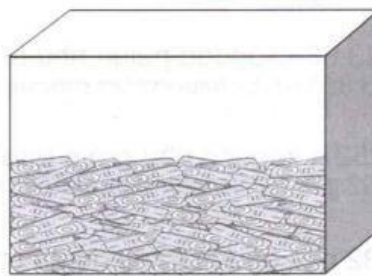
Lori B  
Lorry B



200 000 batu-bata  
200 000 bricks

Apakah anggaran bilangan batu-bata di dalam lori A?  
What is the estimated number of bricks in lorry A?

3

Bekas A  
Box A600 000 kit ujian  
600 000 test kitsBekas B  
Box B

?

Apakah anggaran bilangan kit ujian di dalam kotak B?  
What is the estimated number of test kits in box B?

### 1.7 BUNDAR NOMBOR / ROUNDING OFF NUMBERS

**A Bundarkan nombor berikut kepada ribu terdekat.**  
Round off the following numbers to the nearest thousand. **SP 1.4.1**

TP 3

1 343 866 →

2 219 134 →

3 766 423 →

4 579 999 →

**B Bundarkan nombor berikut kepada puluh ribu terdekat.**  
Round off the following numbers to the nearest ten thousand. **SP 1.4.1**

TP 3

1 296 435 →

2 387 776 →

3 621 129 →

4 452 443 →

**C Bundarkan nombor berikut kepada ratus ribu terdekat.**  
Round off the following numbers to the nearest hundred thousand. **SP 1.4.1**

TP 3

1 246 435 →

2 263 776 →

3 913 552 →

4 454 761 →

**D Bundarkan:**  
Round off: **SP 1.4.1**

TP 3

- 1 RM343 866 kepada puluh ribu ringgit terdekat.  
RM343 866 to the nearest ten thousand ringgit.

- 2 320 252 g kepada ribu gram terdekat.  
320 252 g to the nearest thousand gram.

- 3 761 232 ml kepada ratus ribu ml terdekat.  
761 232 ml to the nearest hundred thousand ml.

- 4 579 999 km kepada puluh ribu km terdekat.  
579 999 km to the nearest ten thousand km.

**E Bulatkan nombor yang dibundarkan kepada ribu terdekat.**

TP 3

Circle the number that are rounded off to the nearest thousand. **SP 1.4.2**

- 1 245 200 234 000 226 000 245 000 245 200

- 2 312 293 331 000 328 000 372 050 367 000

**F Bulatkan nombor yang dibundarkan kepada puluh ribu terdekat.**

TP 3

Circle the numbers that are rounded off to the nearest ten thousand. **SP 1.4.2**

- 1 210 000 349 000 270 000 113 000 450 000

- 2 450 500 690 000 341 030 263 000 120 000

- 3 Bulatkan nombor berikut apabila dibundarkan kepada puluh ribu terdekat menjadi 370 000.  
Circle the following numbers when rounded off to the nearest ten thousand become 370 000.

- 370 500 369 798 371 230 363 999 372 981

- 4 Bulatkan nombor berikut apabila dibundarkan kepada puluh ribu terdekat menjadi 840 000.  
Circle the following numbers when rounded off to the nearest ten thousand become 840 000.

- 835 271 869 000 841 500 839 723 844 107

## 1.8 TAMBAH / ADDITION

**A Tambah.**  
Add. SP 1.6.1

TP 3

1

$234\ 165 + 387\ 269 =$

$$\begin{array}{r} 2\ 3\ 4\ 1\ 6\ 5 \\ +\ 3\ 8\ 7\ 2\ 6\ 9 \\ \hline \end{array}$$

2

$142\ 276 + 9\ 897 + 675 + 12\ 764 =$

3

$345\ 469 + 1\ 456 +$    $= 563\ 219$

4

$\text{} + 2\ 192 + 114\ 000 = 434\ 721$

## 1.9 TOLAK / SUBTRACTION

**A Kira baki.**

Calculate the balance. SP 1.6.2

TP 3

1

$379\ 323 - 42\ 568 - 123\ 689 =$

2

$451\ 602 - 117\ 305 - 18\ 765 =$

3

$\text{} - 136\ 853 - 79\ 326 = 87\ 926$

4

$563\ 336 - 119\ 623 -$    $= 125\ 762$

## 1.10 DARAB / MULTIPLICATION



**Cari hasil darab.**

Find the product. SP 1.6.3

TP 3

1

$273 \times 1\,000 =$

2

$1\,321 \times 97 =$

3

$\times 27 = 476\,658$

4

$100 \times = 135\,600$

## 1.11 BAHAGI / DIVISION



**Hitung.**

Calculate. SP 1.6.4

TP 3

1

$233\,500 \div 100 =$

2

$47\,040 \div 24 =$

3

$\div 45 = 5\,672$

4

$575\,800 \div = 5\,758$

**1.12 ANU DALAM DARAB / UNKNOWN IN MULTIPLICATION****1.13 ANU DALAM BAHAGI / UNKNOWN IN DIVISION****A Apakah nilai y?***What are the values of y?* **SP 1.8.1****TP 3****1**

$3.237 \times 10 = \boxed{y}$

**2**

$\boxed{y} \times 2.75 = 2\,750$

**3**

$19.65 \times \boxed{y} = 19\,650$

**4**

$10 \times \boxed{y} = 765.2$

**5**

$\boxed{y} \times 7.921 = 79.21$

**6**

$332 \times \boxed{y} = 332\,000$

**7**

$2\,313 \times \boxed{y} = 34\,695$

**8**

$\boxed{y} \times 234 = 293\,202$

**9**

$\boxed{y} \times 12 = 513\,420$

**10**

$7\,452 \times \boxed{y} = 171\,396$

**B Apakah nilai z?***What are the values of z?* **SP 1.8.2****TP 3****1**

$128.6 \div \boxed{z} = 12.86$

**2**

$\boxed{z} \div 1\,000 = 6.87$

**3**

$\boxed{z} \div 100 = 45.672$

**4**

$245.6 \div \boxed{z} = 2.456$

**5**

$29\,496 \div 12 = \boxed{z}$

**6**

$129\,651 \div 23 = \boxed{z}$

**7**

$528\,000 \div \boxed{z} = 9\,600$

**8**

$637\,952 \div \boxed{z} = 7\,168$

**9**

$\boxed{z} \div 75 = 152$

**10**

$\boxed{z} \div 76 = 5\,366$

**1.14 TAMBAH DAN DARAB / ADDITION AND MULTIPLICATION**  
**1.15 TOLAK DAN DARAB / SUBTRACTION AND MULTIPLICATION**

**A Selesaikan.**  
Solve these. **SP 1.7.1**

TP 3

**1**  $75 + 23 \times 254 =$

**2**  $(231 + 112) \times (56 + 9) =$

**3**  $132 + 890 \times 13 =$

**4**  $(6\,075 + 338) \times (3 + 13) =$

**B Kira.**  
Calculate. **SP 1.7.1**

TP 3

**1**  $55 \times 12 - 213 =$

**2**  $(337 - 64) \times 9 =$

**3**  $(8\,208 - 4\,054) \times (15 - 9) =$

**4**  $21\,765 - 124 \times 9 =$

**1.16 TAMBAH DAN BAHAGI / ADDITION AND DIVISION****1.17 TOLAK DAN BAHAGI / SUBTRACTION AND DIVISION****A Selesaikan.**Solve these. **SP 1.7.1****TP 3**

**1**  $34 + 125 \div 5 =$

**2**  $5\,672 \div 8 + 1\,924 =$

**3**  $34\,256 \div (9 + 7) =$

**4**  $(356\,000 + 125\,000) \div (12 + 8) =$

**B Kira.**Calculate. **SP 1.7.1****TP 3**

**1**  $520 - 152 \div 8 =$

**2**  $(820 - 140) \div 20 =$

**3**  $(980 - 240) \div (35 - 31) =$

**4**  $6\,740 \div (200 - 180) =$

## 1.18 SELESAIKAN MASALAH / SOLVE THE PROBLEMS



### Selesaikan masalah yang berikut.

Solve the following problems. SP 1.9.1 SP 1.9.2 SP 1.9.3

TP 4 - 5

- 1 Sebuah kilang menghasilkan 73 670 bilah pisau sehari. Jika kilang tersebut telah menghasilkan 663 030 bilah pisau, berapa harikah kilang tersebut menghasilkan pisau itu?

*A factory produces 73 670 knife blades per day. If the factory produced 663 030 knife blades, how many days did the factory took to produce the knife blades?*

- 2 Jadual menunjukkan bilangan peserta yang menyertai Latihan Merdeka dari beberapa negeri.

*Table shows the number of participants that participated in the Merdeka Run from different states.*

| Negeri<br>State | Bilangan peserta<br>Number of participants |
|-----------------|--------------------------------------------|
| Kedah           | 123 250                                    |
| Selangor        | 245 128                                    |
| Sabah           | 148 340                                    |

Kirakan jumlah peserta dari setiap negeri.  
*Calculate the total participants from every state.*

- 3 Jeremy menggunakan pagar sepanjang 212 300 cm untuk memagar kawasan kebunnya. Jika dia telah menggunakan 127 125 cm pagar, berapakah baki pagar yang masih belum digunakan olehnya?

*Jeremy uses a 212 300 cm long fence to fence his garden area. If he has used 127 125 cm of the fence, what is the balance of the fence that has not been used by him yet?*

- 4 Rozi membuat pemantauan barangan elektrik di beberapa buah kedai elektrik. Didapati 23 456 unit daripada 359 300 unit barangan elektrik yang dipantau tidak mengikut piawaian yang ditetapkan. Kirakan bilangan barangan elektrik yang mengikut piawaian yang ditetapkan.

*Rozi monitors electrical goods in several electrical shops. It was found that 23 456 units out of 359 300 units of electrical goods that were monitored did not follow the set standards. Calculate the number of electrical goods that follow the set standards.*

- 5 Jannah menjual sebanyak 172 345 helai tudung pada bulan Mei. Jualan tudungnya pada bulan Jun berkurang sebanyak 375 helai dan bertambah 1 670 helai pada bulan Julai berbanding bulan Mei. Kirakan jumlah jualan tudungnya bagi ketiga-tiga bulan tersebut.
- Jannah sold a total of 172 345 hijabs in May. Hijab sales in June decreased by 375 pieces and increased by 1 670 pieces in July compared to May. Calculate the total sales of the hijabs for the three months.*

- 6 Jadual menunjukkan peruntukan wang yang digunakan untuk penambahbaikan sekolah.
- Table shows the allocation of funds used for school improvements.*

| Peruntukan<br><i>Allocation</i>                                      | Wang yang diperuntukan<br><i>Allocated fund</i>                                          |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Membeli peralatan sukan<br><i>Buying sports equipments</i>           | 50% daripada jumlah wang<br>yang diperuntukan<br><i>50% from the allocation of funds</i> |
| Membeli bahan pembelajaran<br><i>Buying learning materials</i>       | RM50 350                                                                                 |
| Membeli peralatan bilik darjah<br><i>Buying classroom equipments</i> | ?                                                                                        |
| Jumlah<br><i>Total</i>                                               | RM230 000                                                                                |

Hitung wang yang diperuntukan untuk membeli peralatan bilik darjah.

*Calculate the allocated funds for buying classroom equipments.*