

Chapter A More on Numbers

Worksheet 1 Comparing Numbers

1 Circle the bigger number.

(a) 29 376 30 001

(b) 57 040 57 102

2 Circle the smaller number.

(a) 705 123 750 231

(b) 963 369 936 639

3 Write $<$ or $>$ in the circles.

(a) 29 376 30 001

(b) 57 040 57 102

(c) 705 123 750 231

(d) 963 369 936 639

4 Order these numbers from the smallest to the greatest.

83 342 83 243 83 234

, ,

5 Order these numbers from the greatest to the smallest.

605 405 560 450 640 055

, ,

- 6 Make the biggest and smallest 5-digit number using these number cards.
Each digit is to be used once only.



Smallest number

Greatest number

- 7 Make the biggest and smallest 6-digit number using these number cards.
Each digit is to be used once only.
Do not use 0 as the first digit.



Smallest number

Greatest number

- 8 Make the biggest and smallest 6-digit number using these number cards.
Each digit is to be used once only.
Do not use 0 as the first digit.

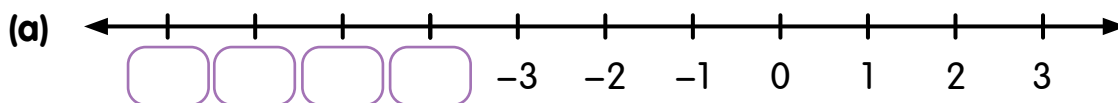


Smallest number

Greatest number

Worksheet 2 Negative Numbers

1 Fill in the missing numbers.



2 Compare the numbers. Write $<$ or $>$ in the circles.

(a) $6 \bigcirc -1$

(b) $-8 \bigcirc -5$

(c) $12 \bigcirc -12$

(d) $0 \bigcirc -10$

(e) $-80 \bigcirc 8$

(f) $-94 \bigcirc -96$

(g) $-65 \bigcirc -605$

(h) $-500 \bigcirc -499$



- 3 Here are some number cards.
Arrange the numbers from the smallest to the greatest.

9

-16

3

-50

-25

20

- 4 Here are some number cards.
Arrange the numbers from the greatest to the smallest.

59

-43

-201

17

165

-3

- 5 Here are some number cards.

48

-56

-42

78

-99

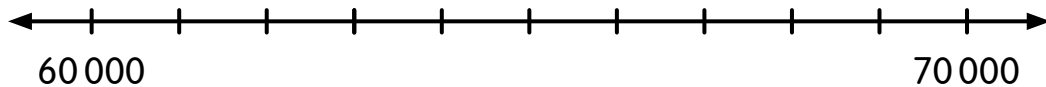
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(a) Write the numbers that are less than -50.

(b) Write the numbers that are greater than 50.

Worksheet 3 Rounding Numbers

- 1 Mark the numbers 66 000, 61 000 and 65 000 in the number line.
Then round them to the nearest 10 000.

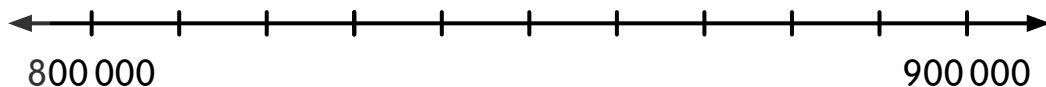


61 000 rounded to the nearest 10 000 is .

65 000 rounded to the nearest 10 000 is .

66 000 rounded to the nearest 10 000 is .

- 2 Mark the numbers 880 000, 830 000 and 850 000 in the number line.
Then round them to the nearest 100 000.



830 000 rounded to the nearest 100 000 is .

850 000 rounded to the nearest 100 000 is .

880 000 rounded to the nearest 100 000 is .

- 3 Round the given numbers to the nearest 10 000 and 100 000.

		Nearest 10 000	Nearest 100 000
(a)	294 000		
(b)	516 000		

- 4 Mr Tan buys a car.
The car costs \$73 000.
Round the price of the car to the nearest \$10 000.

The price of the car rounded to the nearest \$10 000 is \$.

- 5 Janet buys a house.
The house costs \$361 000.
Round the price of the house to the nearest \$100 000.

The price of the house rounded to the nearest \$100 000 is \$.

- 6 An apartment costs \$498 000.
Round the price of the apartment to
(a) the nearest \$10 000.
(b) the nearest \$100 000.

The price of the apartment rounded to

(a) the nearest \$10 000 is \$.

(b) the nearest \$100 000 is \$.

Worksheet 4 More on Number Patterns

- 1 The following numbers are shown.

0

1st term

4

8

12

16

?

The **rule** is to add to a number to get the next number.

The 6th term is .

- 2 The following numbers are shown.

1

1st term

2

4

8

16

?

The **rule** is to multiply a number by to get the next number.

The 6th term is .

- 3 The following numbers are shown.

486

1st term

162

54

18

?

2

The **rule** is to divide a number by to get the next number.

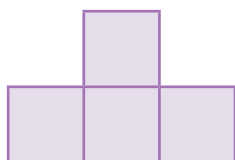
The 5th term is .

- 4 The following figures are shown.
 Draw the figure for the 4th term.
 Find the number of squares for each term.

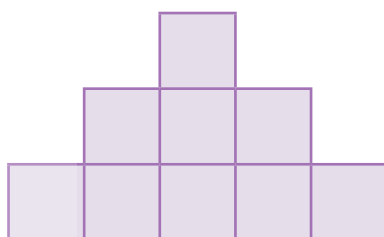


Term **Number of squares**

1st



2nd



3rd

4th

What number is the 10th term? .

How did you get your answer?