

P5 Term 1 2019

Mathematics Topical Worksheet 1

Whole Numbers

Name : _____

Date: _____

No calculator is allowed for both Sections A and B

Section A

For each question, four options are given. One of them is the correct answer.

Make your choice (1,2,3 or 4)

1. Two million, four thousand, three hundred and nine written in numerals is

_____.

- (1) 2439
- (2) 243 009
- (3) 2 430 009
- (4) 2 004 309 ()

2. Find the missing number in the box below.

$$9000 + \boxed{} + 40 + 2 = 901\,742$$

- (1) 1000
- (2) 1700
- (3) 10 000
- (4) 17 000 ()

3. What is the sum of 5 millions, 24 thousands, 31 hundreds and 80 tens?

- (1) 5 024 390
- (2) 5 027 900
- (3) 5 240 390
- (4) 5 270 900 ()

4. Find the product of 5200 and 50.

- (1) 2600
- (2) 26 000
- (3) 260 000
- (4) 2 600 000

()

5. 89×40 is the same as _____.

- (1) $8 \times 9 \times 40$
- (2) $89 \times 4 \times 10$
- (3) $80 \times 9 \times 4 \times 10$
- (4) $80 \times 40 \times 9 \times 40$

()

6. The ages of 3 sisters are consecutive odd numbers.

If their total age is 45 years old, what is the youngest sister's age?

- (1) 11
- (2) 13
- (3) 15
- (4) 17

()

7. Divide 41 500 by 500.

- (1) 81
- (2) 83
- (3) 8100
- (4) 8300

()

8. The price of a condominium is \$760 000 when rounded off to the nearest \$1 000. Which of the following could be the actual price of the condominium?

- (1) \$759 455
- (2) \$759 545
- (3) \$ 760 545
- (4) \$ 760 955

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9. Fortuna Bakery sold 198 642 cupcakes last year.

Round off this number to the nearest ten thousand.

- (1) 190 000
- (2) 198 000
- (3) 199 000
- (4) 200 000

()

10. Round off the sum of 10 000 and 4 618 to the nearest thousand.

- (1) 10 000
- (2) 14 000
- (3) 15 000
- (4) 20 000

()

Section B

Show your working clearly in the space provided for each question and write your answers in the space provided.

11. Mrs Lee can bake 300 cookies in 4 hours.

How many cookies can she bake in 48 hours?

Ans: _____

12. A number becomes 800 when rounded off to the nearest 100.

What is the greatest possible number?

Ans: _____

13. Luke goes to the gym once every 4 days. Han goes to the same gym once every 5 days. Given that they first met in the gym on 2nd January, on which day of January would they meet each other again?

Ans: _____

14. A pen cost \$2. A shop sells 3 such pens at a promotional price of \$5. Abigail has \$23. What is the greatest possible number of pens that she can buy?

Ans: _____

15. There are 42 pupils in a class. 17 of the pupils are girls.
After 5 new boys joined the class and 2 girls left the class, find the difference between the number of girls and boys.

Ans: _____

16. Derrick had \$480 at first. After his mother gave him \$50, he had twice as much money as Jordan. How much money did Jordan have?

Ans: _____

17. A pen cost 4 times as much as a pencil. The pen cost \$6 more than the pencil. What was the cost of 2 pens?

Ans: _____

18. Richard has 132 more stamps than Jerry at first. After Jenny gave Richard 45 stamps, Richard had thrice as many stamps as Jenny. Find the number of stamps Jenny had at first.

Ans: _____

19. Mr Siah bought 9 notebooks of the same kind during a sale. Ms Koh bought 6 such notebooks. She also bought 3 pens at \$5 each. Altogether, she spent \$3 more than Mr Siah. What was the amount Ms Koh spent?

Ans: \$ _____

20. There are three times as many motorcycles as cars parked in a car park. There are 390 wheels altogether. A car has 4 wheels and a motorcycle has 2 wheels. How many motorcycles are there?

Ans: _____

Answers:

1) 4	2) 2	3) 2	4) 3	5) 2
6) 2 <i>(consecutive odd no = + 2)</i>	7) 2	8) 2	9) 4	10) 3

11 Mrs Lee can bake 300 cookies in 4 hours.

How many cookies can she bake in 48 hours?

$$48 \div 4 = 12$$

$$300 \times 12 = 3600$$

Ans: 3600 cookies

12 A number becomes 800 when rounded off to the nearest 100.

What is the greatest possible number?

700-----800-----900

Max Value must be below 850 or it will round off to 900.

Therefore, the greatest possible number will be 849.

Ans: 849

13 Luke goes to the gym once every 4 days. Han goes to the same gym once every 5 days. Given that they first met in the gym on 2nd January, on which day of January would they meet each other again?

Luke (+4)	2 nd Jan
Han (+5)	2 nd Jan

4: 4,8,12,16,**20**

5: 5,10,15,**20**

20 days after 2nd Jan is 22nd January

Ans: 22 Jan

- 14 A pen cost \$2. A shop sells 3 such pens at a promotional price of \$5. Abigail has \$23. What is the greatest possible number of pens that she can buy?

3 pens → \$5

12 pens → \$20

With the remaining \$3, Abigail can only purchase 1 more pen for \$2.

$12 + 1 = 13$ pens

Ans: 13 pens

- 15 There are 42 pupils in a class. 17 of the pupils are girls. After 5 new boys joined the class and 2 girls left the class, find the difference between the number of girls and boys.

$42 - 17 = 25$ (No of boys)

Now,

Boys → $25 + 5 = 30$

Girls → $17 - 2 = 15$

$30 - 15 = 15$

Ans: 15

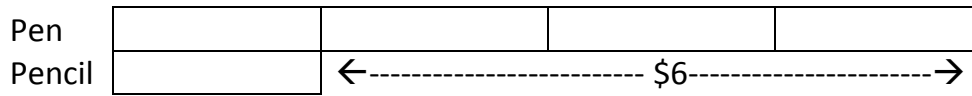
- 16 Derrick had \$480 at first. After his mother gave him \$50, he had twice as much money as Jordan. How much money did Jordan have?

$\$480 + \$50 = \$530$

$\$530 \div 2 = \265

Ans: \$265

- 17 A pen cost 4 times as much as a pencil. The pen cost \$6 more than the pencil.
What was the cost of 2 pens?



$$\$6 \div 3 = \$2$$

$$1 \text{ pen} \rightarrow \$2 \times 4$$

$$= \$8$$

$$2 \text{ pens} \rightarrow \$8 \times 2$$

$$= \$16$$

Ans: \$16

- 18 Richard has 132 more stamps than Jerry at first. After Jenny gave Richard 45 stamps, Richard had thrice as many stamps as Jenny. Find the number of stamps Jenny had at first.

Before giving,

Richard		45	132 stamps
Jenny		45	

After giving,

Richard		45	132 stamps	45
Jenny				

$$2 \text{ units} \rightarrow 45 + 132 + 45$$

$$= 222$$

$$1 \text{ unit} \rightarrow 222 \div 2$$

$$= 111$$

$$111 + 45 = 156$$

Ans: 156 stamps

- 19 Mr Siah bought 9 notebooks of the same kind during a sale. Ms Koh bought 6 such notebooks. She also bought 3 pens at \$5 each. Altogether, she spent \$3 more than Mr Siah. What was the amount Ms Koh spent?

$$\begin{aligned} 3 \text{ notebooks} &\rightarrow (3 \times 5) - \$3 \\ &= \$12 \end{aligned}$$

$$\begin{aligned} 1 \text{ notebook} &\rightarrow 12 \div 3 \\ &= \$4 \end{aligned}$$

$$\begin{aligned} 6 \text{ notebooks} &\rightarrow 6 \times 4 \\ &= \$24 \end{aligned}$$

$$\begin{aligned} \text{Amount Ms Koh spent} &\rightarrow 24 + 12 + 3 \\ &= \$39 \end{aligned}$$

Ms Koh spent \$39.

Ans: \$ 39

- 20 There are three times as many motorcycles as cars parked in a car park. There are 390 wheels altogether. A car has 4 wheels and a motorcycle has 2 wheels. How many motorcycles are there?

Create a table.

Number of motorcycle & wheels	Number of cars & wheels	Total number of wheels	x / √
90 x 2 = 180	30 x 4 = 120	180 + 120 = 300	X
105 x 2 = 210	35 x 4 = 140	210 + 140 = 350	X
117 x 2 = 234	39 x 4 = 156	234 + 156 = 390	√

Ans: 117 motorcycles