Red Swastika School
Primary 5
Class Test 1
Mathematics

40

Name: _____ ( ) **Date:** 6 May 2022

Class: Pr 5 / _____ **Duration:** 40 minutes

(Use of calculators is not allowed)

Parent's Signature: _____

Questions **1** to **10** 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 write its number in the brackets provided. (20 marks)

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1 Which of the following is five million, four hundred and nine thousand and six in figures?

(1) 5 009 406
(2) 5 049 006
(3) 5 409 006
(4) 5 490 006

( )

2 What is the value of 704 000 ÷ 200?

(1) 352
(2) 3520
(3) 35 200
(4) 352 000

( )

3 Which of the following has the same value as $\frac{2}{5}$?

(1) 0.2
(2) 0.4
(3) 0.5
(4) 2.5

( )

6

4 What is the value of $\frac{4}{14} \times \frac{2}{3}$?

(1) $\frac{3}{7}$

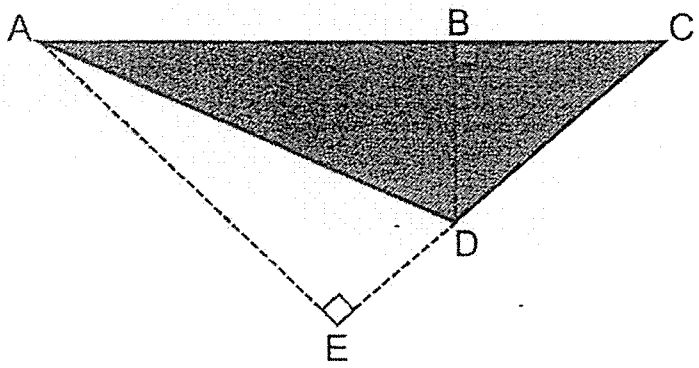
(2) $\frac{4}{7}$

(3) $\frac{1}{21}$

(4) $\frac{4}{21}$

( )

5 Which of the following pairs shows the correct base and its related height for finding the area of triangle ACD?



	Base	Height
(1)	CE	AE
(2)	CD	AD
(3)	AB	BD
(4)	AC	BD

( )

4

6 What is the value if you add the largest 4-digit even number to 4000?

(1) 5000
(2) 13 000
(3) 13 998
(4) 13 999

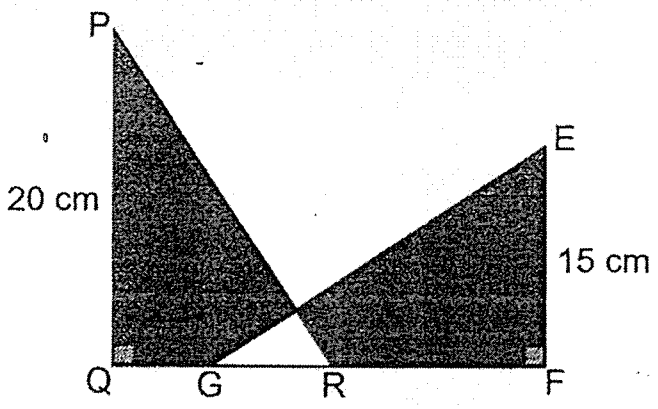
( )

7 Jenny bought 100 apples. She ate 20 apples and packed the rest of them into bags of 5. Which equation represents the number of bags of apples she had after packing?

(1) $100 - 20 \div 5$
(2) $100 + 20 \div 5$
(3) $(100 - 20) \div 5$
(4) $(100 + 20) \div 5$

( )

8 In the figure below, PQR and EFG are identical right-angled triangles. The total area of the shaded parts is 230 cm^2. Find the area of the **unshaded** part.



(1) 35 cm^2
(2) 40 cm^2
(3) 70 cm^2
(4) 80 cm^2

( )

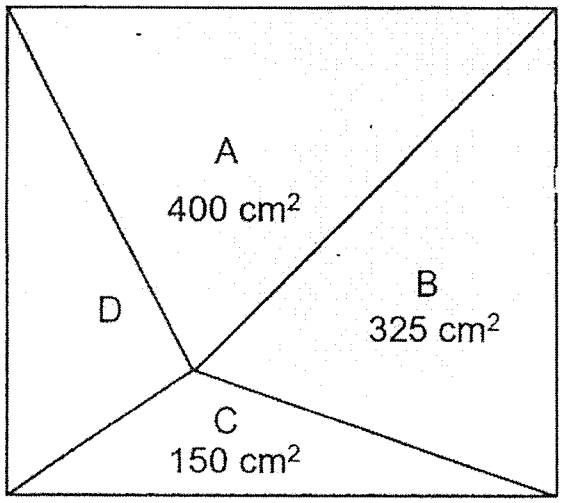
6

9 $\frac{2}{5}$ of Jim's savings is equal to $\frac{4}{9}$ of Max's savings.
Jim has \$30 more than Max.
How much money does Max have?

(1) \$150
(2) \$270
(3) \$300
(4) \$570

( )

10 In the figure below, the rectangle is divided into 4 triangles. The areas of triangles A, B and C are 400 cm^2, 325 cm^2 and 150 cm^2 respectively. Find the area of triangle D.



(1) 75 cm^2
(2) 175 cm^2
(3) 225 cm^2
(4) 250 cm^2

( )

Questions **11** to **16** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

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11 Find the value of $4 + 5 \times (60 - 30) \div 10$.

Ans: _____

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12 $1\frac{7}{12} - \square = \frac{11}{12}$

What is the missing fraction in the box?

Ans: _____

---

13 Jack is 5 years old. His mother is 45 years old. In how many years' time will Jack's mother be 3 times as old as Jack?

Ans: _____

---

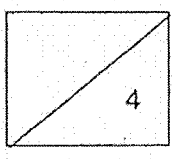
14 A pencil case cost $6 more than a water bottle. Mrs Tan paid $28 for a pencil case and a water bottle. Find the cost of a water bottle.

Ans: $ _____

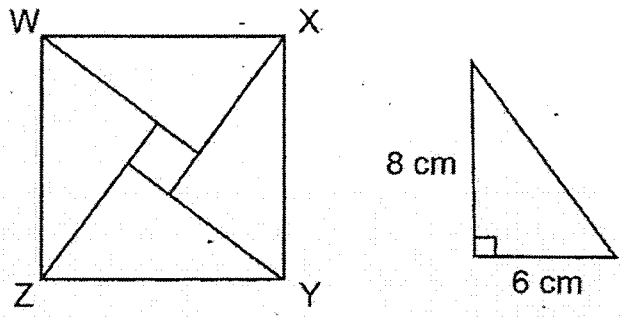
---

15 Abby, Ben and Carole had some marbles. Ben and Carole had a total of 360 marbles. Abby and Carole had a total of 450 marbles. Ben had half of the number of marbles Abby had. How many marbles did Carole have?

Ans: _____



16 Square WXYZ is made up of four identical triangles and a small square. The area of the small square is 4 cm^2. Find the area of square WXYZ.



Ans: _____ cm^2

2

For Questions 17 and 18, show your workings clearly in the space below each question 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. (8 marks)

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17 Alice had $\frac{4}{5}$ m of ribbon. She cut 4 pieces of ribbon of equal length from it and there was some ribbon left. Each piece that was cut was $\frac{1}{8}$ of the ribbon she had at first.

(a) Find the length of each piece of the ribbon cut.

(b) Find the total length of the 4 pieces of ribbon that was cut.

Ans: (a) _____ [2]

(b) _____ [2]

4

18 Mrs Chong had some flowers in her garden. $\frac{2}{3}$ of the flowers were roses. $\frac{1}{4}$ of the remainder was tulips and the rest were lilies. There were 55 more roses than lilies.

(a) How many flowers did Mrs Chong have altogether?

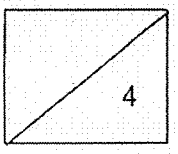
(b) How many lilies were there in the garden?

Ans: (a) _____ [2]

(b) _____ [2]

End of paper

Have you checked your work?



Red Swastika School
Primary 5
Class Test 2
Mathematics

40

Name: _____ ( ) **Date:** ___ **August 2022**

Class: _____ **Duration:** 40 minutes

(Use of calculator is not allowed)

Parent's Signature: _____

Questions **1** to **10** 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 write its number in the brackets provided. (20 marks)

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1 What is the missing number in the ratio below?

27 : ? = 9 : 21

(1) 81
(2) 63
(3) 3
(4) 7 ( )

2 What is 80% of 40?

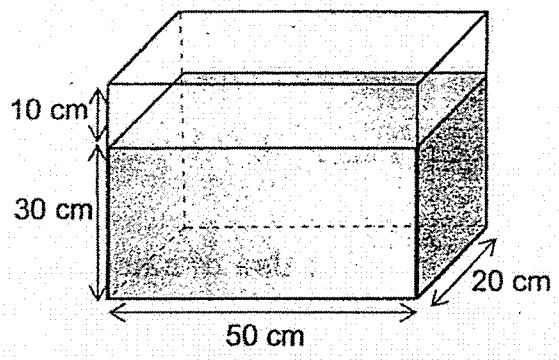
(1) 12
(2) 32
(3) 50
(4) 200 ( )

3 Express 65.09 km in kilometres and metres.

(1) 65 km 9 m
(2) 65 km 90 m
(3) 65 km 900 m
(4) 650 km 90 m ( )

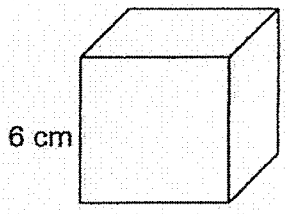
6

4 Find the volume of water in the tank.



(1) 1000 cm^3
(2) 10 000 cm^3
(3) 30 000 cm^3
(4) 40 000 cm^3 ( )

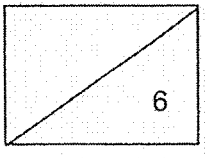
5 The length of one side of a cube is 6 cm. Find the volume of the cube.



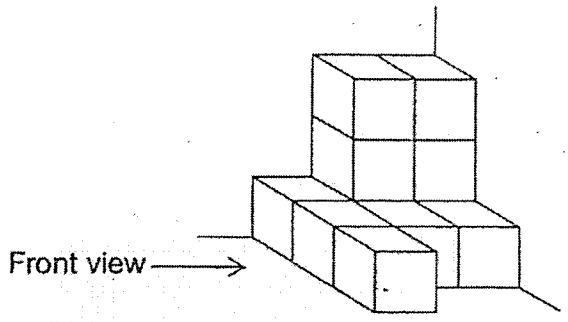
(1) 24 cm^3
(2) 36 cm^3
(3) 144 cm^3
(4) 216 cm^3 ( )

6 A piece of ribbon was 1.88 m long. Ms Tan cut off 0.74 m of the ribbon to tie a present. She then used the remaining ribbon to make 20 identical keychains. Find the length of ribbon used to make one keychain.

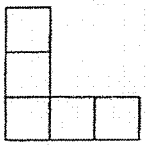
(1) 0.057 m
(2) 0.131 m
(3) 0.57 m
(4) 1.14 m ( )

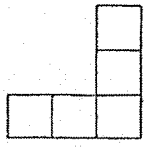


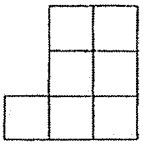
7 Mabel formed a solid using identical cubes as shown below.

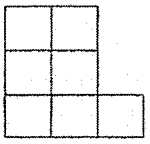


Which of the following shows the front view of the solid?

(1) 

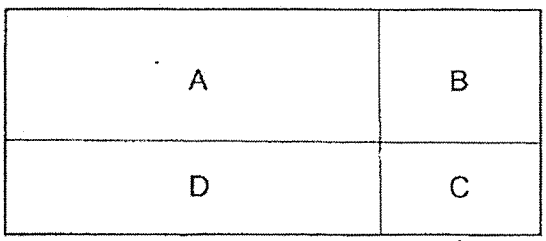
(2) 

(3) 

(4) 

( )

8 The figure below is made up of four rectangles A, B, C and D. The ratio of the area of rectangle B to the area of rectangle C is 3 : 2. If the area of rectangle D is 36 cm^2, find the area of rectangle A.



(1) 12 cm^2
(2) 18 cm^2
(3) 24 cm^2
(4) 54 cm^2

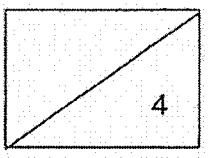
( )

9 The usual price of a television set was $2000. John bought the television set at a discount of 20%. However, he had to pay 7% GST. How much did John pay for the television set?

(1) $ 1460
(2) $ 1712
(3) $ 1740
(4) $ 2140 ( )

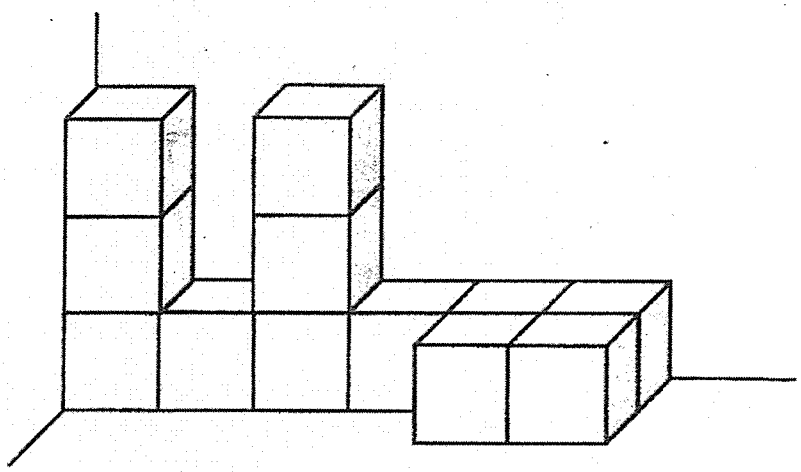
10 A pen and an eraser cost $1.50. Min Yi paid $18 for 15 pens and 10 erasers. Jun Jie bought 3 erasers. Find the amount Jun Jie paid.

(1) $ 0.90
(2) $ 1.80
(3) $ 2.70
(4) $ 3.00 ( )



Questions **11** to **16** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (12 marks)

11 How many cubes are used to form the solid shown below?



Ans: _____

12 Find the value of:

(a) $1.048 \times 300 =$ _____

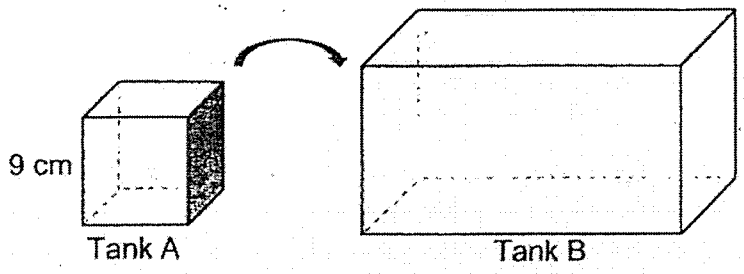
(b) 9028 cm = _____ m

Ans: (a) _____

(b) _____

4

13 Tank A, a cubical tank of side 9 cm, was fully filled with water. Mrs Tan poured all the water from Tank A into an empty Tank B until Tank B was $\frac{3}{5}$ filled with water. What was the capacity of Tank B?



Ans: _____ cm^3

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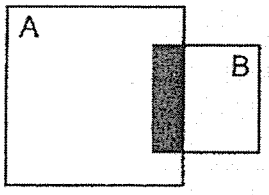
14 Ali, Bob and Charles cycled a total distance of 25.2 km during a trip. Ali cycled 0.4 km less than Bob. Charles cycled twice the distance of what Bob cycled. Find the distance Ali cycled.

Ans: _____ km

4

15 The figure below consists of 2 squares. The ratio of the area of square A to the area of square B is 3 : 1. Given that $\frac{1}{12}$ of square A is shaded, what is the ratio of the area of square B to the area of the whole figure?



Ans: _____

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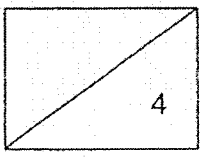
16 Mr Lim baked a total of 1200 tuna pies and chicken pies. He sold 80% of the pies. 60% of the pies sold were chicken pies. There were 40 chicken pies left unsold. How many chicken pies did Mr Lim bake at first?

Ans: _____



For Questions **17** and **18**, show your workings clearly in the space below each question 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.

(8 marks)

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17 The ratio of the number of cars to the number of motorcycles at a carpark is 3 : 4. Each motorcycle has 2 wheels and each car has 4 wheels. There are 800 wheels altogether. How many motorcycles are there?

Ans: _____

4

18 Hwee Ling had $6000. She spent 30% of her money and saved the remaining amount in her bank account. The bank paid an interest of 2% at the end of each year. How much interest did Hwee Ling earn at the end of one year?

Ans: _____

END OF PAPER

4

YEAR : 2022
LEVEL : PRIMARY 5
SCHOOL : RED SWASTIKA SCHOOL
SUBJECT : MATHEMATICS
TERM. : CLASS TEST 1

Q1	3	Q2	2	Q3	2	Q4	4	Q5	4
Q6	3	Q7	3	Q8	1	Q9	2	Q10	3

Q11	4 + 5 x (60 – 30) ÷ 10 = 4 + 5 x 30 ÷ 10 = 4 + 150 ÷ 10 = 4 + 15 = 19	Q12	$1\frac{7}{12} = \frac{19}{12}$ 19 – 11 = 8 $\frac{8}{12} = \frac{2}{3}$
Q13	45 – 5 = 40 40 ÷ 2 = 20 20 – 5 = 15	Q14	(28 – 6) ÷ 2 = $11
Q15	450 – 360 = 90 360 – 90 = 270	Q16	one Triangle = ½ x 8 x 6 = 24 4 triangle = 24 x 4 = 96 area of Square = 96 + 4 = 100cm^2
Q17	a) $\frac{1}{10}$m b) $\frac{4}{10}$m	Q18	a) 5u = 55 u = 11 12u = 132 b) 3u = 11 x 3 = 33

YEAR : 2022
LEVEL : PRIMARY 5
SCHOOL : RED SWASTIKA SCHOOL
SUBJECT : MATHEMATICS
TERM. : CLASS TEST 2

Q1	2	Q2	2	Q3	2	Q4	3	Q5	4
Q6	1	Q7	1	Q8	4	Q9	1	Q10	3

Q11	12	Q12	a) 314.4 b) 90.28m
Q13	9 x 9 x 9 = 81 x 9 = 727 $\frac{3}{5}$: 729 $\frac{1}{5}$: 729 ÷ 3 = 243 $\frac{5}{5}$: 243 x 5 = 1215cm^3	Q14	0.4 x 3 = 1.2 25.2 – 1.2 = 24 24 ÷ 4 = 6km
Q15	A : B 3 : 1 12 : 4 total figure : 12 + 4 – 1 = 15 4 : 15	Q16	$\frac{80}{100}$ x 1200 = 80 x 12 = 960 $\frac{60}{100}$ x 960 =576 576 + 40 = 616 chicken pies
Q17	how many sets make up 800 wheels no. of sets : 80 ÷ 20 = 40 no. of motorcycles : 40 x 4 = 160	Q18	70% : $\frac{70}{100}$ x 6000 = 4200 2% : $\frac{2}{200}$ x 4200 = $84

END