2021-22 年度小學四年級

數學科英文版模擬卷(上學期測驗)-教師版

Time allowed：55 minutes

Topic		
Multiples Factors Multiplication	Division Quadrilaterals	
Table of contents		
1	Calculation	16 Marks
2	Fill in the blanks	22 Marks
3	Multiple choice	14 Marks
4	Pictures	16 Marks
5	Short questions	12 Marks
6	Long questions	20 Marks
	Total：	100 Marks

（1） Calculation (16 marks, 2 marks each)　　　　　　　　Answer

1　13×47　　　　　　　　　　611

2　25×204　　　　　　　　　5100

3　$99 \div 13$　　　　　　　　　　$7\cdots8$

4　$299 \div 15$　　　　　　　　　$19\cdots14$

5　$60 \div ? = 5$　　　　　　　　$? =12$

6　$? \div 2 = 35 \dots 1$　　　　　$? =71$

7　$187 \div 17$　　　　　　　　　11

8　$13 \times ? = 546$　　　　　　　42

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（2） Fill in the blanks (22 marks, 2 marks each)

1 The eighth multiple of 17 is $\boxed{136}$.

2 Within 80, there are $\boxed{7}$ multiples of 11.

3 8 and 12 are ($\boxed{\text{factors}}$ / multiples) of 96.

4 34 and 51 are (factors / $\boxed{\text{multiples}}$) of 17.

5 Peter's age is 18. His age is a multiple of Tom's age. It is given that they did not born in the same year. Tom's age may be $\boxed{1,2,3,6,9}$. (2 marks each)

6 The rent of a bicycle is $32 per hour. Peter hire a bicycle for seven hours, he should pay $\boxed{\$224}$.

7 The price of a box of pencil is $18. Peter has $60, he can buy $\boxed{3}$ boxes.

（3）Multiple choice (14 marks, 2 marks each)

1 What is the remainder of $99 \div 13$?

A. 7 | B. 8 | C. 9 | D. 10

2 What is the quotient of $97 \div 5$?

A. 19 | B. 18 | C. 17 | D. 16

3 A lap around a track is 200m long. Peter runs 3 laps of the track every day. How many meters did he run altogether in three weeks ?

A. 600 | B. 1800 | C. 4200 | D. 12600

4 $22 \times 15 \times 6 =$

A. $20 + 2 \times 15 \times 6$ | B. $22 \times 10 + 5 \times 6$ | C. $22 \times 10 \times 30$ | D. $22 \times 3 \times 5 \times 6$

5 There are 78 bottles of water. Each bag can carry 11 bottles. At least how many bags are needed to carry all the bottles of water ?
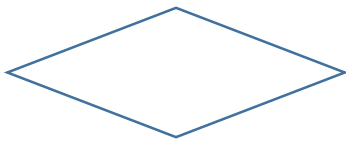
A. 6 | B. 7 | C. 8 | D. 9

6 There is a quadrilateral which has 4 right angles and 2 pairs of parallel opposite sides. It can be

A. a circle | B. a square | C. a parallelogram | D. a trapezium

7

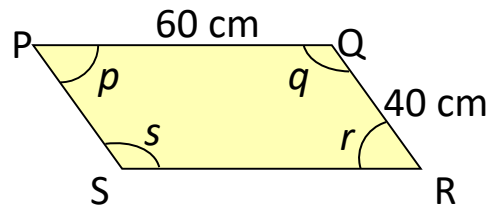The figure above has ★ equal sides. ★=
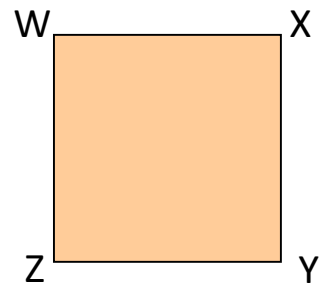
A. 4 | B. 3 | C. 2 | D. 1

（4） Pictures (16 marks, 2 marks each)

1　The figure on the right is a parallelogram. PQ's length is 60cm, QR's length is 40cm.

(a)　PS's length is ___40___ cm。

(b)　RS's length is ___60___ cm。

(c)　PS and QR are (parallel / not parallel).

　　　(circle the answer)

(d)　angle *p* and angle ___r___ are the same.

2　(a) The length of the four sides of the figure on the right are (equal / unequal).

(b) The angles of the figure on the right (are / are not) right angles.

(c) WX's opposite side is YZ or ZY. They (are / are not) parallel.

（5）　Short questions (12 marks, 2 marks each)

		Answer
1	The 13th multiple of 4 is ?	52
2	Factors of 165 are : 1, 3, 5, 11, 15, ★, 55, 165. ★is ?	33
3	Multiple of 17 between 80 and 100 is ?	85
4	How many factors does 48 have ?	10
5	The biggest factor of 135 is ?	135
6	Which quadrilateral has only 1 pair of parallel opposite sides ?	trapezium

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（6）	Long questions (20 marks, 4 marks each)
1	There are 12 pencils in a box. A box of pencil sells for $22. A shop sold 47 boxes of pencil. How much did the shop make？ 22×47 $=1034$ ∴ The shop made $1034.
2	Father has 99 pens. He wants to put them in box of 13 each. How many boxes does he need at least？ $99 \div 13$ $= 7\ldots\ldots8$ ∴ Father needs at least 8 boxes.
3	350 people were divided into groups of 5. Every 7 groups formed a team. How many teams were there？ $350 \div 5 \div 7$ $= 70 \div 7$ $= 10$ ∴ There were 10 teams.
4	420 people were divided into groups of 5. Every 6 groups formed a team. How many people in a team？ 5×6 $= 30$ ∴ There are 30 people in a team.
5	In a promotion, every 12 customers can get 1 free lunch. If there are 100 customers in a group, how many of them can get free lunch？ $100 \div 12$ $= 8\ldots\ldots4$ ∴ 8 customers can get free lunch.

End

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