

IEA - Data Enhancement Project

Questionnaire printing

Study: SC2

Population: 1

Instrument: STQ\_1

Student Math Test

Population 1

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1        600 + 30 + 5    equals

- A        608
- B        635
- C        653
- D        680
- E        950

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P1Q01  
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2        1.27  
         2.91  
         3.06  
      +8.22  
      -----

The answer to this sum is

- A        14.36
- B        14.46
- C        15.46
- D        27.16
- E        54.06

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P1Q02  
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3    One more than 99 999 is

- A        100 000
- B        100 001
- C        999 910
- D        999 991
- E        1 000 000

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P1Q03  
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4    Which one of the following additions does *\*not\** equal 13?

- A        6 + 7
- B        5 + 8
- C        7 + 8
- D        4 + 9
- E        3 + 10

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P1Q04  
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5 Judy had 13 books. She gave 6 books to Joseph. How many books has Judy now?

- A 0
- B 3
- C 6
- D 7
- E 19

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P1Q05  
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6        95  
       -72  
       --

Which one of the following is the answer?

- A 23
- B 25
- C 27
- D 32
- E 33

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P1Q06  
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7 Which of the following is the closest estimate for  $29 \times 32$ ?

- A 600
- B 700
- C 900
- D 1100
- E 1300

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P1Q07  
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8 The value of  $2^3 \times 3^2$  is

- A 30
- B 36
- C 64
- D 72
- E none of these

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P1Q08  
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9 Which one of the following is correct?

- A  $78 \div 6 = 12$
- B  $78 \div 6 = 13$
- C  $78 \div 6 = 14$
- D  $78 \div 6 = 15$
- E  $78 \div 6 = 16$

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P1Q09  
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10 Which one of the following is correct?

- A  $64 \div 9 = 8$
- B  $0 \div 7 = 7$
- C  $12 \div 6 = 6$
- D  $81 \div 9 = 8$
- E  $48 \div 6 = 8$

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P1Q10  
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11  $52.01 \div 7$  is equal to

- A 7.04
- B 7.33
- C 7.40
- D 7.43
- E 7.50

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P1Q11  
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12

$$0.004 \overline{) 24.56}$$

In the division shown above, the correct answer is

- A 0.614
- B 6.14
- C 61.4
- D 614
- E 6140

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P1Q12  
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13 Jane has 48 sweets. She keeps half of them for herself and divides the rest equally among her three friends, Karen, Judith and Helen. How many sweets does Helen get?

- A 16
- B 12
- C 8
- D 6
- E 4

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P1Q13  
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14  $(22 \times 18) - (47 + 59)$  is equal to

- A 290
- B 300
- C 384
- D 408
- E 502

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P1Q14  
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15 If a snail takes 3 minutes to travel 90 centimetres, how many centimetres can it travel in one minute?

- A 3
- B 30
- C 87
- D 93
- E 270

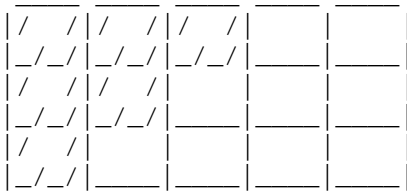
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P1Q15  
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16 How many seven-man teams can you make out of 7 nine-man teams?

- A 7
- B 8
- C 9
- D 16
- E 63

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P1Q16  
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17



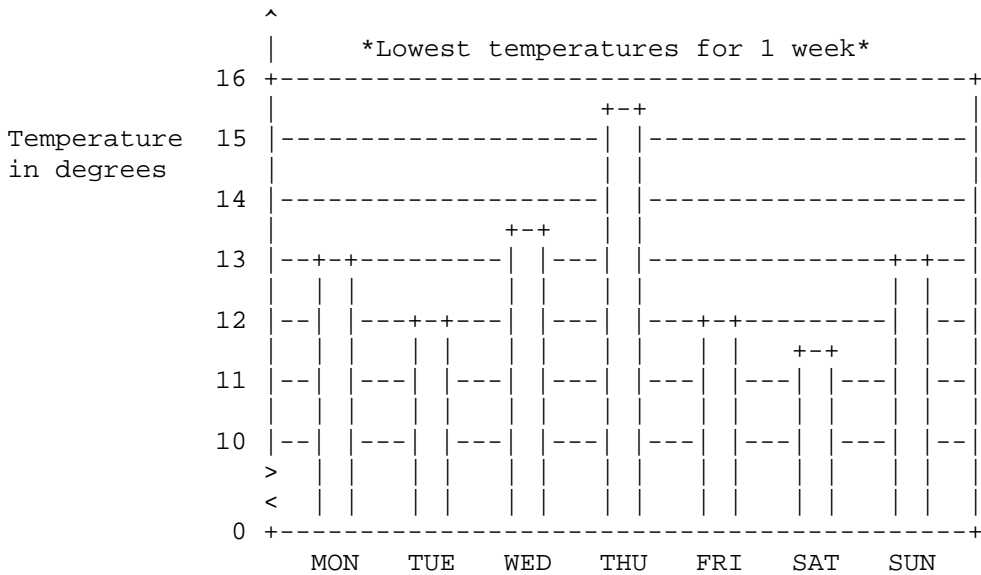
In the figure the little squares are all the same size, and the area of the whole rectangle is equal to 1.

The area of the shaded part is equal to

- |   |    |   |   |
|---|----|---|---|
| A | 2  | D | 3 |
|   | -  |   | - |
|   | 15 |   | 8 |
| B | 1  | E | 1 |
|   | -  |   | - |
|   | 3  |   | 2 |
| C | 2  |   |   |
|   | -  |   |   |
|   | 5  |   |   |

P1Q17

18

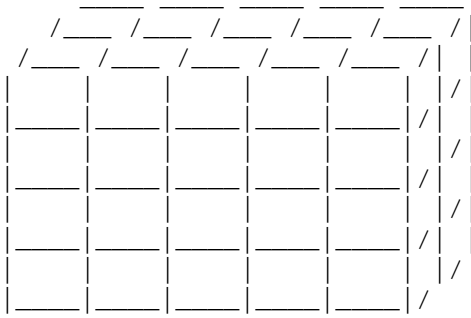


Which day had the lowest temperature?

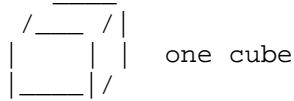
- A Tuesday
- B Wednesday
- C Thursday
- D Friday
- E Saturday

P1Q18

19



Stack of equal size cubes



How many cubes are there in the stack?

- A 8
- B 20
- C 38
- D 40
- E 80

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P1Q19  
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20 [ Picture of 8 'dices' and 1 question-mark in a square ]

Part of the pattern above is missing as shown by the question-mark.  
Which figure best completes the pattern?

[ 5 pictures of 'dices' ]

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P1Q20  
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