Year 6 Class 2

Q1

Round off to the nearest hundred.

781 = [ ] (nearest hundred) 800

Q2

Round off to the nearest hundred.

2119 = [ ] (nearest hundred) 2100

Q3

12^2 = [ ]

144

Q4

The 2nd squared number is [ ]

4

Q5

Click on the **composite** numbers.

→ 9 7 → 12 13

Q6

What is the 15th triangular number?

[ ] 120

Q7

Round off to the nearest thousand.

23 066 = [ ] (nearest thousand) 23 000

Q8

Round off to the nearest thousand.

3 111 694 = [ ] (nearest thousand) 3 112 000

Q9

Round off to the nearest ten-thousand.

55 512 = [ ] (nearest ten-thousand) 60 000

Q10

The 4th squared number is [ ]

16

Q11

The 6th squared number is [ ]

36

Q12

The 6th and 7th squared numbers are [ ] and [ ]. 36 and 49

Q13

Click on the **prime** numbers.

→ 3 → 5 → 7 9 → 11

Q14

Click on the **prime** numbers.

25 27 → 29 → 31 33

Q15

Click on the **composite** numbers.

→ 24 → 27 29 → 33 → 35

Q16

The 7th triangular number is 28.
Choose triangular numbers which add to 28.

1 3 6 10 15 21 28 36 45 55

One possible solution: 1 + 6 + 21 = 28

Q17

The 10th triangular number is 55.
Choose triangular numbers which add to 55.

1 3 6 10 15 21 28 36 45 55

One possible solution: 3 + 6 + 10 + 15 + 21 = 55

Q18

The 12th triangular number is 78.
Choose triangular numbers which add to 78.

1 3 6 10 15 21 28 36 45 55

One possible solution: 1 + 3 + 10 + 28 + 36 = 78

Q19

Round off to the nearest ten-thousand.

186 704 = ____ 190 000
(nearest ten-thousand)

Q20

Round off to the nearest ten-thousand.

3 418 832 = ____ 3 420 000
(nearest ten-thousand)

Q21

Round off to the nearest ten-thousand.

7 832 263 = ____ 7 830 000
(nearest ten-thousand)

Q22

From these numbers, choose
ALL of the squared numbers.

24 18 81 40 16

20 49 29 8 36

Q23

From these numbers, choose
ALL of the squared numbers.

30 25 45 6 49

16 24 29 2 64

Q24

From these numbers, choose
ALL of the squared numbers.

40 81 45 4 9

25 24 29 2 60

Q25

Click on the **composite** numbers.

→ 60 → 66 71 → 78 83

Q26

Click on the **composite** numbers.

→ 20 → 22 19 → 55 23

Q27

Click on the **prime** numbers.

➡ 11 15 ➡ 23 ➡ 41 42

Q28

Choose triangular numbers which add to 125.

1 3 6 10 15 21 28 36 45 55

One possible solution: 10 + 15 + 45 + 55 = 125

Q29

Choose triangular numbers which add to 55.

1 3 6 10 15 21 28 36 45

One possible solution: 1 + 3 + 6 + 45 = 55

Q30

Choose triangular numbers which add to 60.

1 3 6 10 15 21 28 36 45 55

One possible solution: 1 + 10 + 21 + 28 = 60